SONY®

TRINITRON® COLOR VIDEO MONITOR

BVM-A20F1U
BVM-A20F1M
BVM-A20F1A
BVM-A24E1WU
BVM-A24E1WM
BVM-A24E1WA

HR Trinitron

Multiformat MEMORY STICK TM

SERVICE MANUAL
1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

Attention-when the product is installed in Rack:

1. **Prevention against overloading of branch circuit**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

2. **Providing protective earth**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

3. **Internal air ambient temperature of the rack**
   When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

4. **Prevention against achieving hazardous condition due to uneven mechanical loading**
   When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

5. **Install the equipment while taking the operating temperature of the equipment into consideration**
   For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

X-RAY RADIATION WARNING

Be sure that parts replacement in the high voltage block and adjustments made to the high voltage circuits are carried out precisely in accordance with the procedures given in this manual.

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to the following port(s).
: LAN connector
Follow the instructions for the above port(s).

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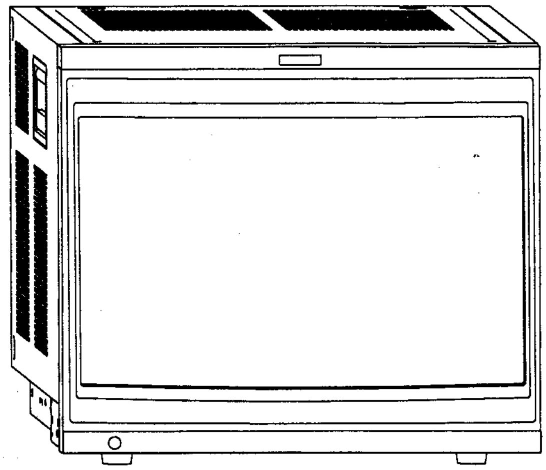
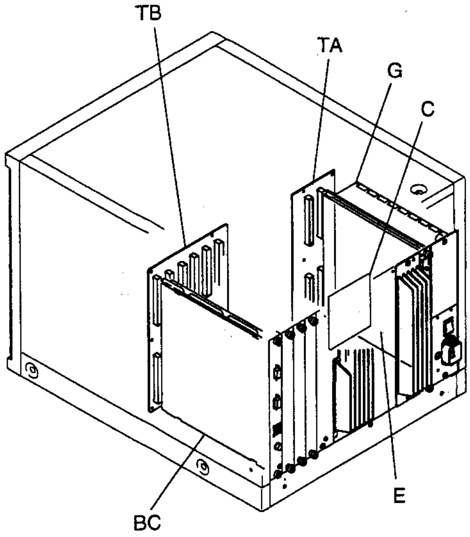
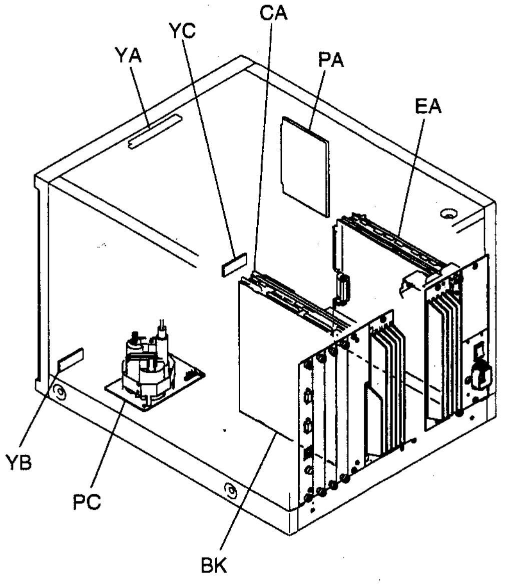
Section 1
Service Information

1-1. Appearance Figure (20 Inch)

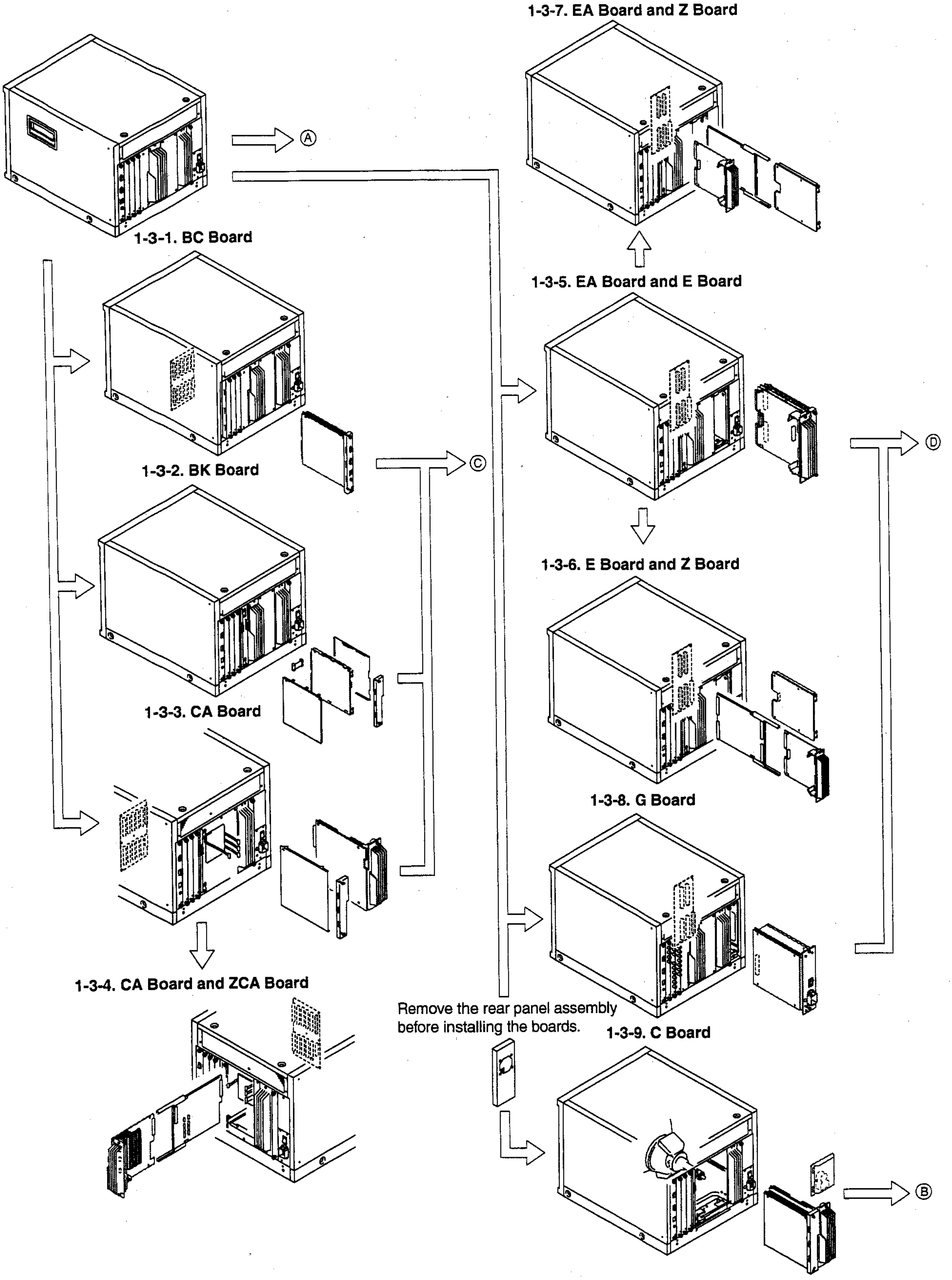


1-2. Board Locations (20 Inch)




YC
CA
YA
PA
EA
YB
PC
BK

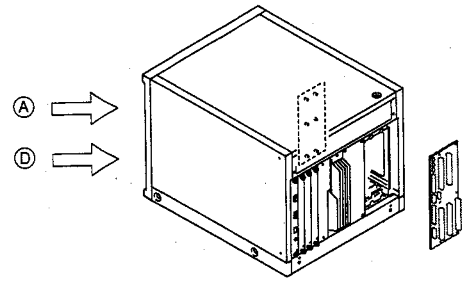
1-3. Disassembly (20 Inch)



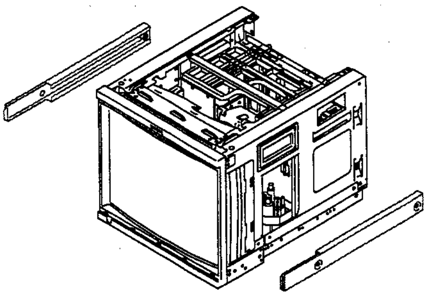
Remove the rear panel assembly before installing the boards.

1-3-1. BC Board
1-3-2. BK Board
1-3-3. CA Board
1-3-4. CA Board and ZCA Board
1-3-5. EA Board and E Board
1-3-6. E Board and Z Board
1-3-7. EA Board and Z Board
1-3-8. G Board
1-3-9. C Board
Ⓐ
Ⓑ
Ⓒ
Ⓓ

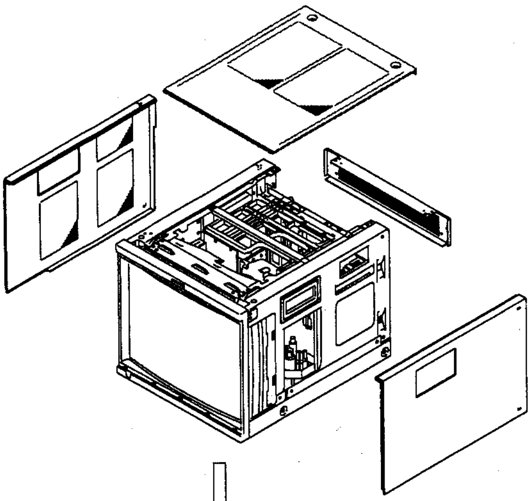
1-3-10. TA Board



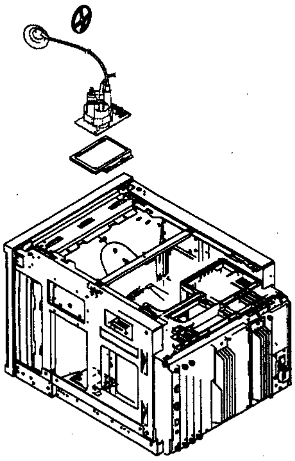
1-3-12. Blind Cover Assembly



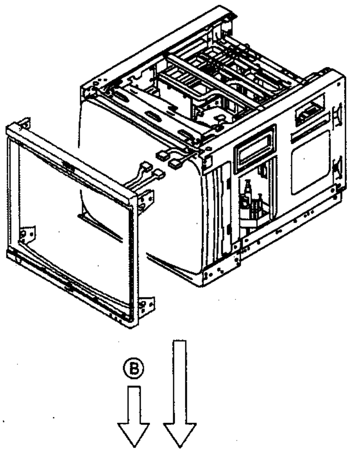
1-3-11. Cabinet



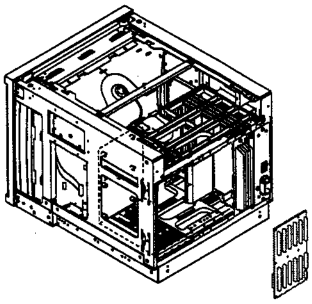
1-3-15. PC Board



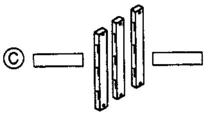
1-3-16. Bezel Assembly



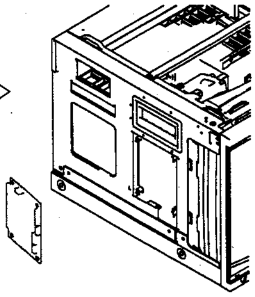
1-3-13. TB Board



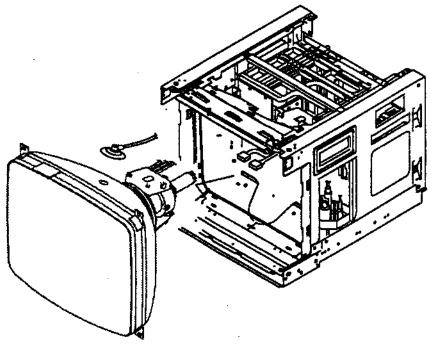
Remove three blank panels before installing the board.



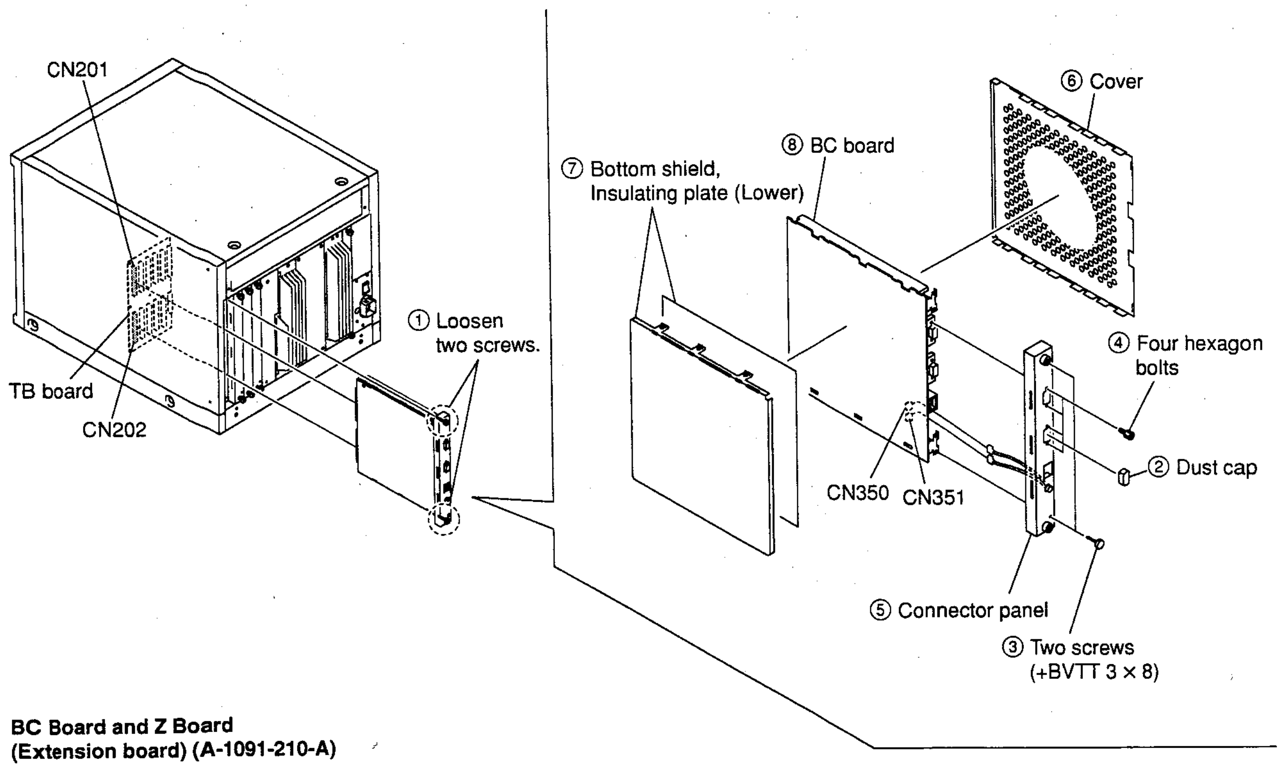
1-3-14. PA Board



1-3-17. Picture Tube



1-3-1. BC Board (20 Inch)


CN201
TB board
CN202
CN350
CN351

① Loosen two screws.

② Dust cap

③ Two screws (+BVTT 3 × 8)

④ Four hexagon bolts

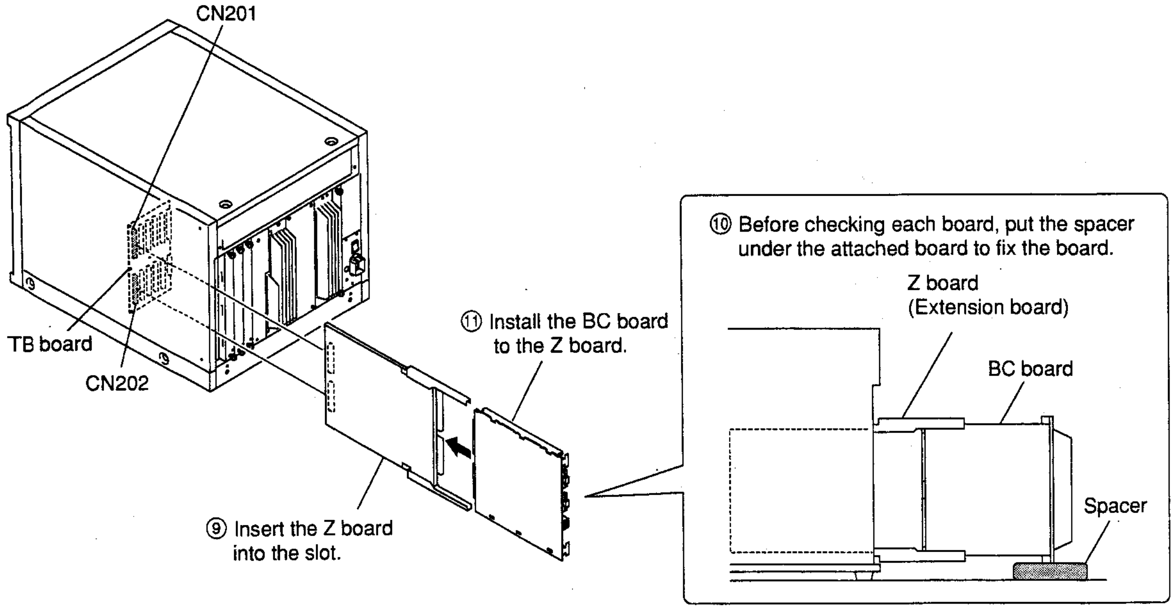
⑤ Connector panel

⑥ Cover

⑦ Bottom shield, Insulating plate (Lower)

⑧ BC board

BC Board and Z Board (Extension board) (A-1091-210-A)

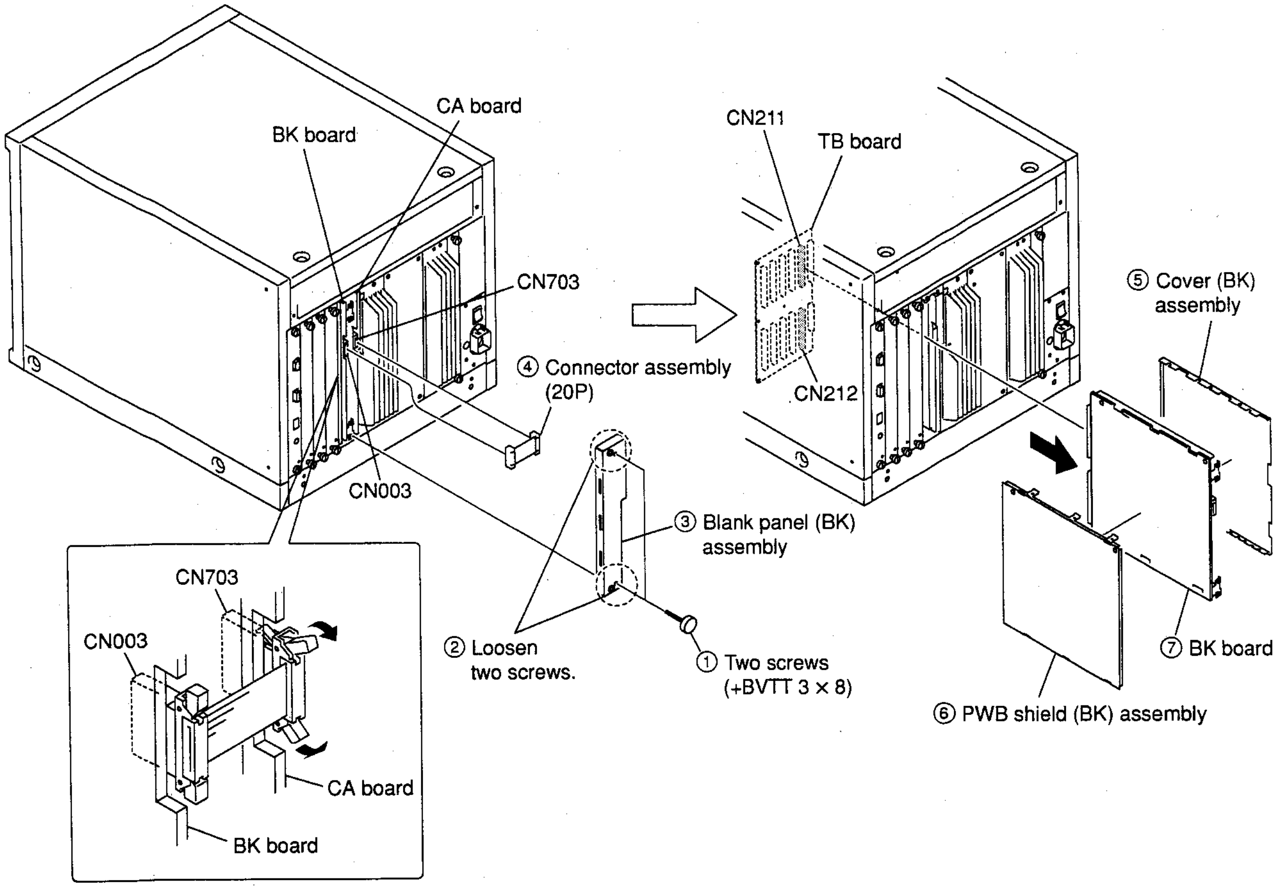

CN201
TB board
CN202
Z board
(Extension board)
BC board
Spacer

⑨ Insert the Z board into the slot.

⑩ Before checking each board, put the spacer under the attached board to fix the board.

⑪ Install the BC board to the Z board.

1-3-2. BK Board (20 Inch)


CA board
BK board
CN211
TB board
CN703
CN212
CN003
CN703
CN003
CA board
BK board

① Two screws (+BVTT 3 × 8)

② Loosen two screws.

③ Blank panel (BK) assembly

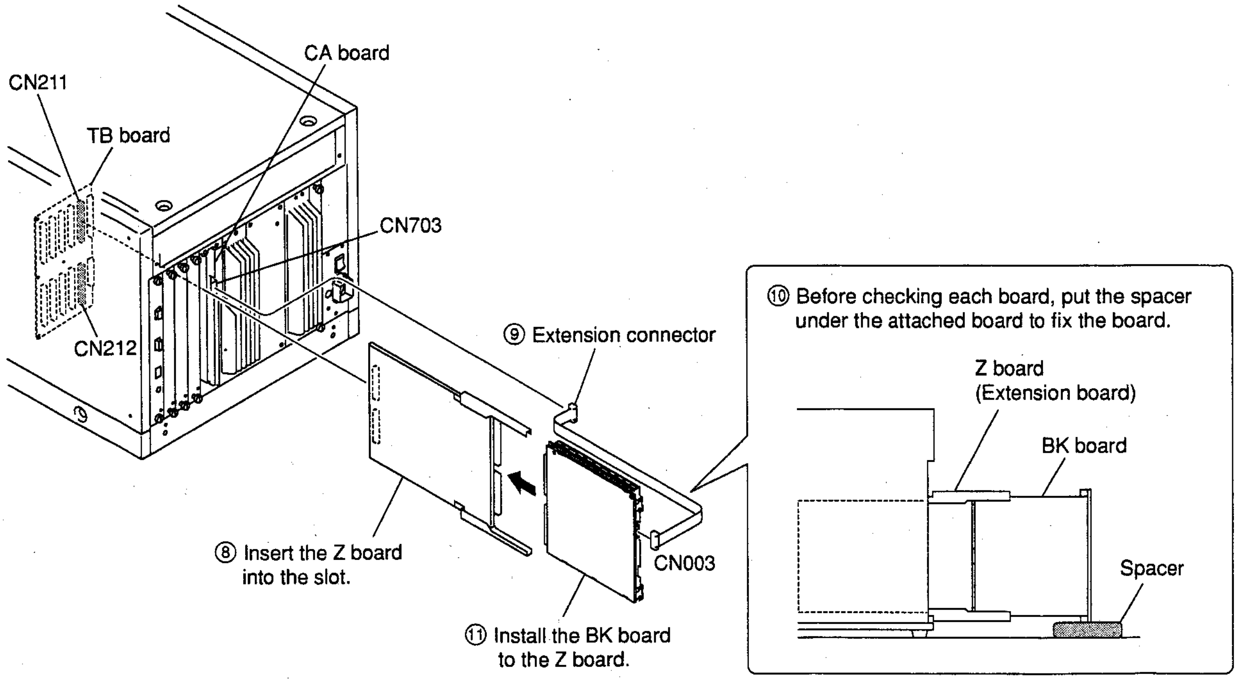
④ Connector assembly (20P)

⑤ Cover (BK) assembly

⑥ PWB shield (BK) assembly

⑦ BK board

BK Board and Z Board
(Extension board) (A-1091-210-A)
Extension Connector


CA board
CN211
TB board
CN703
CN212
CN003
Z board
(Extension board)
BK board
Spacer

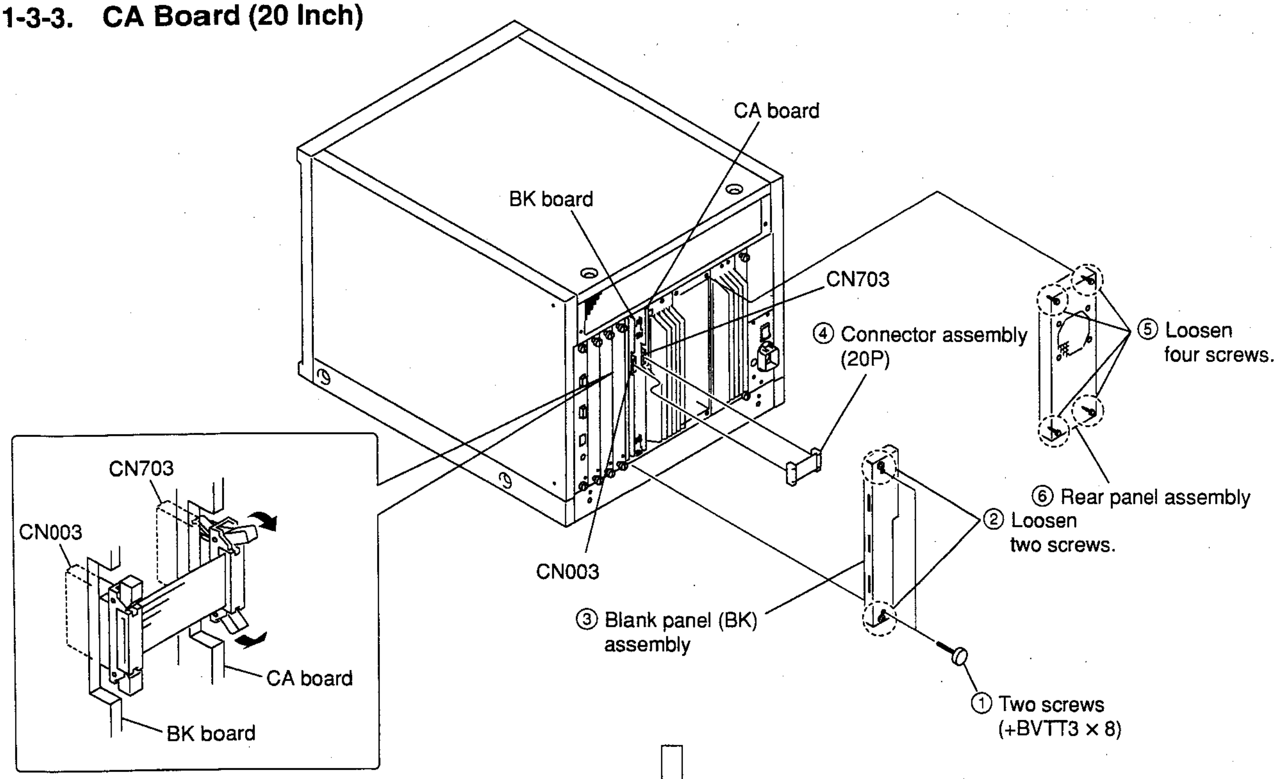
⑧ Insert the Z board into the slot.

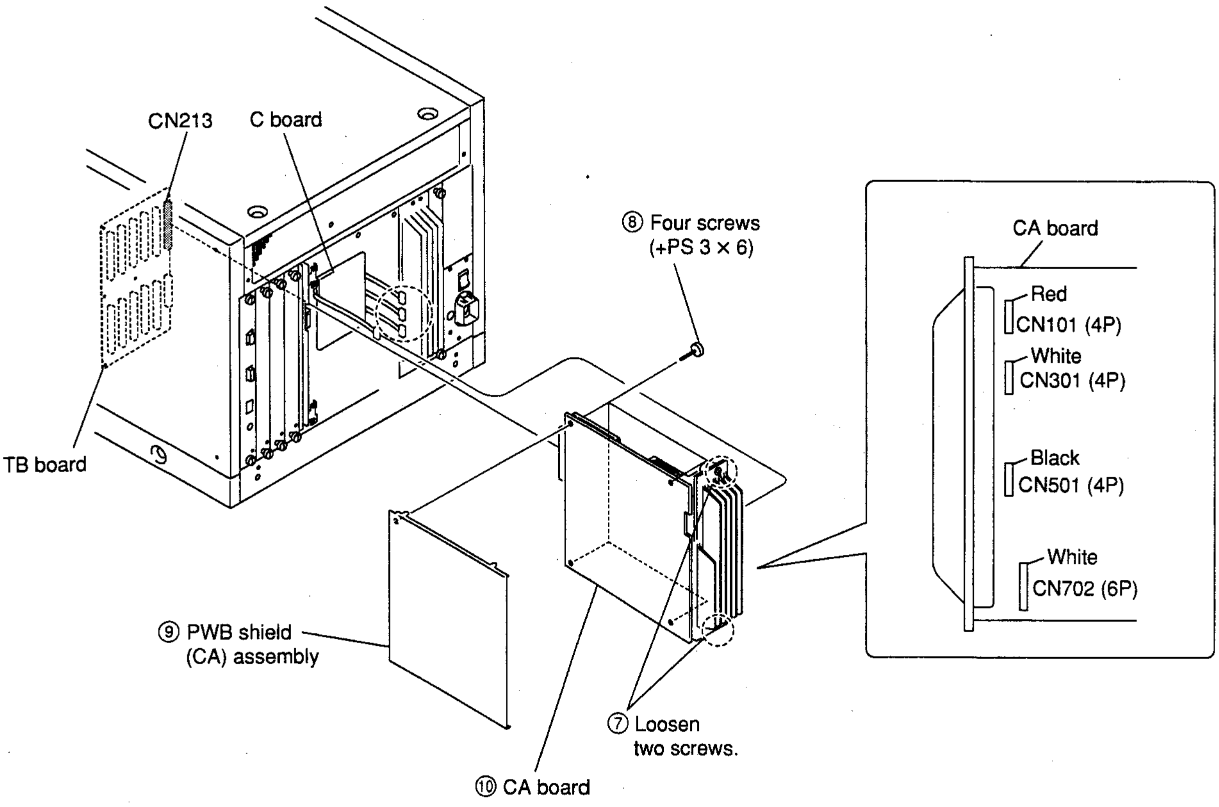
⑨ Extension connector

⑩ Before checking each board, put the spacer under the attached board to fix the board.

⑪ Install the BK board to the Z board.

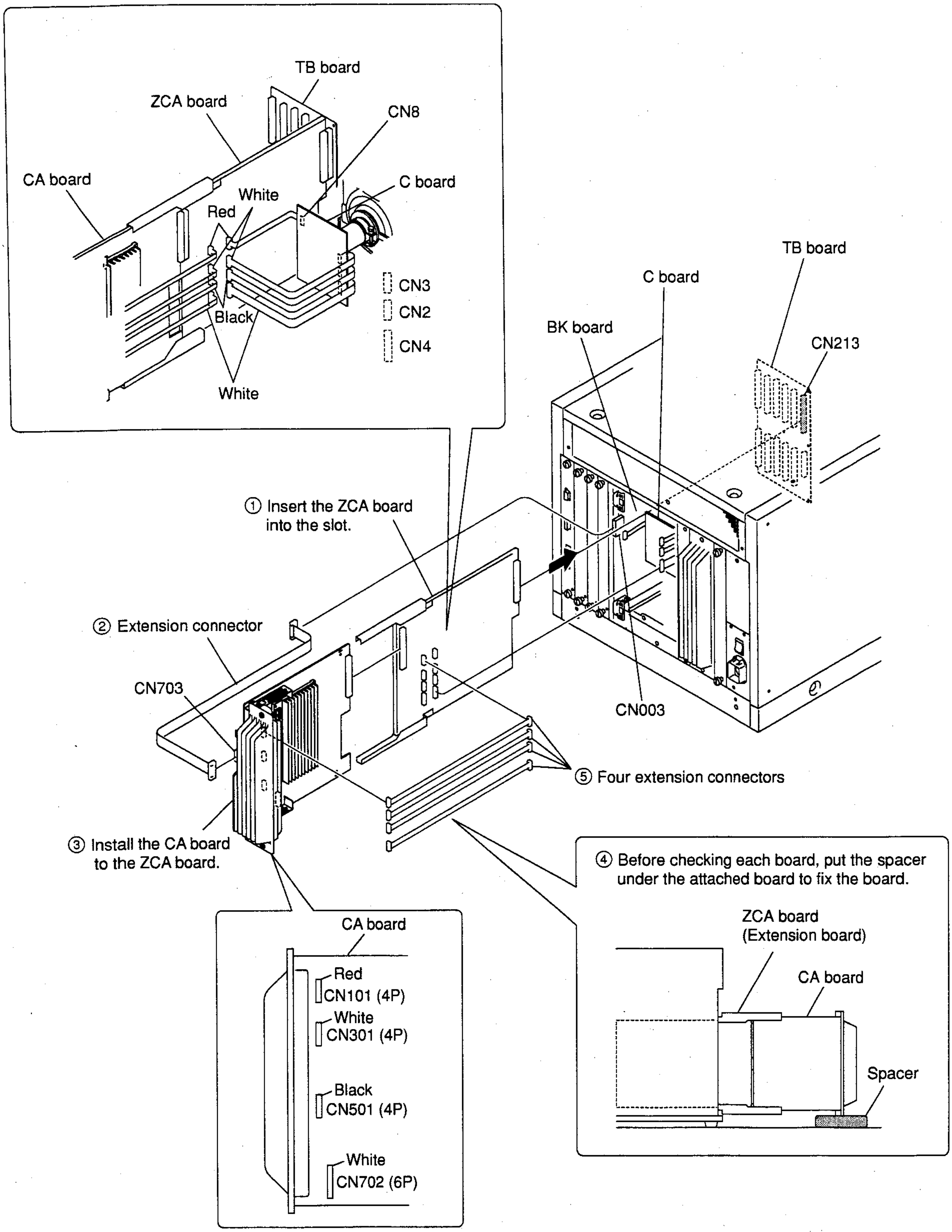
1-3-3. CA Board (20 Inch)


CA board
BK board
CN703
④ Connector assembly
(20P)
⑤ Loosen
four screws.
⑥ Rear panel assembly
② Loosen
two screws.
CN003
③ Blank panel (BK)
assembly
① Two screws
(+BVTT3 x 8)
CN703
CN003
CA board
BK board


CN213
C board
TB board
⑧ Four screws
(+PS 3 x 6)
CA board
Red
CN101 (4P)
White
CN301 (4P)
Black
CN501 (4P)
White
CN702 (6P)
⑨ PWB shield
(CA) assembly
⑦ Loosen
two screws.
⑩ CA board

1-3-4. CA Board and ZCA Board (20 Inch)

ZCA Board (Extension board) (A-1091-211-A)
Five Extension Connectors



① Insert the ZCA board into the slot.

② Extension connector

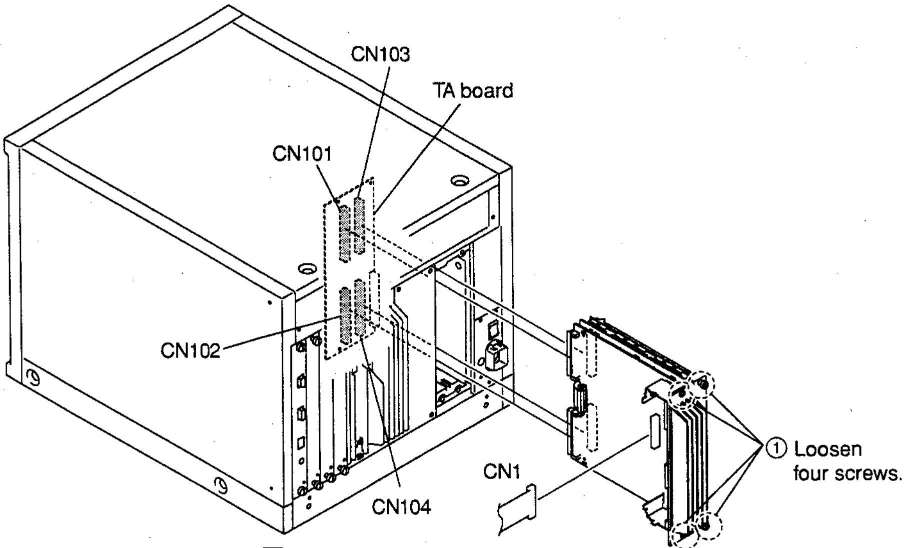
③ Install the CA board to the ZCA board.

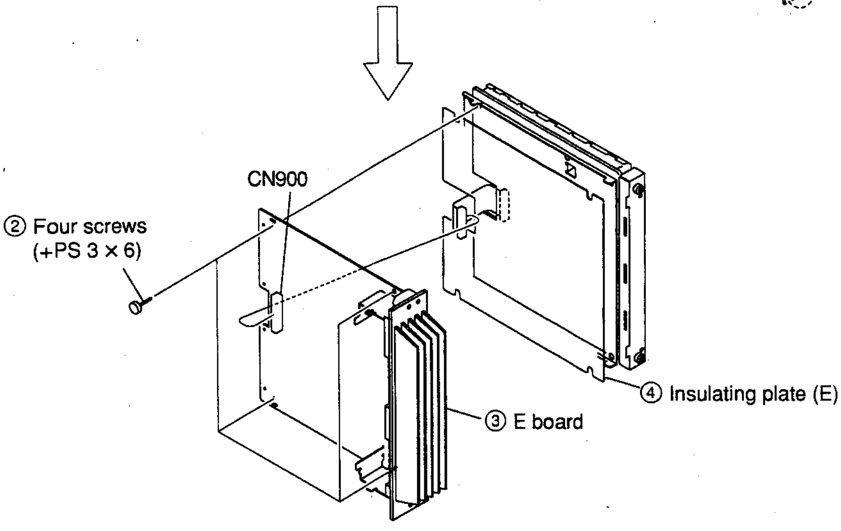
④ Before checking each board, put the spacer under the attached board to fix the board.

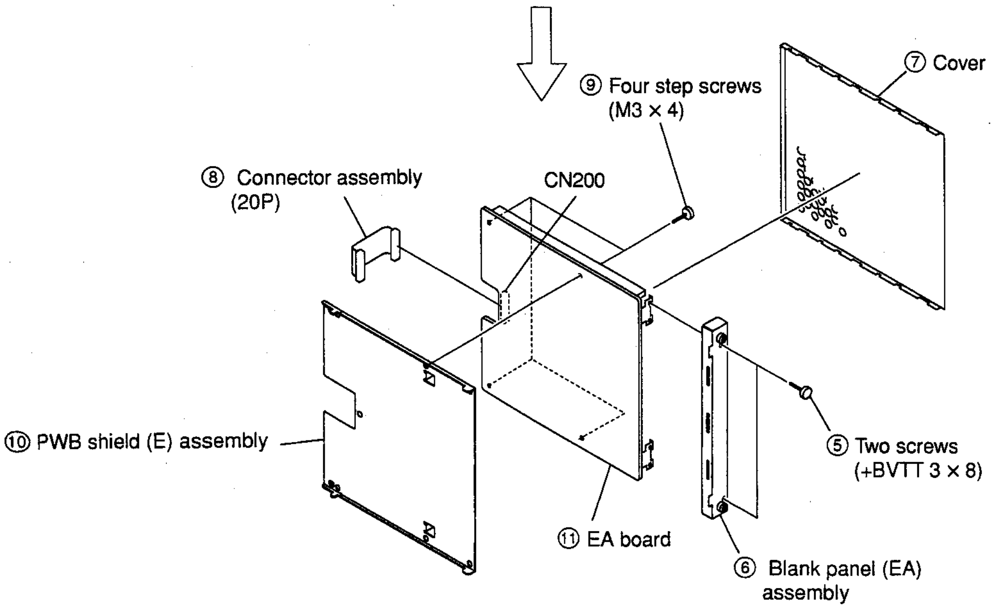
⑤ Four extension connectors

TB board
ZCA board
CN8
CA board
White
Red
C board
CN3
CN2
Black
CN4
White
TB board
C board
BK board
CN213
CN703
CN003
CA board
Red
CN101 (4P)
White
CN301 (4P)
Black
CN501 (4P)
White
CN702 (6P)
ZCA board
(Extension board)
CA board
Spacer

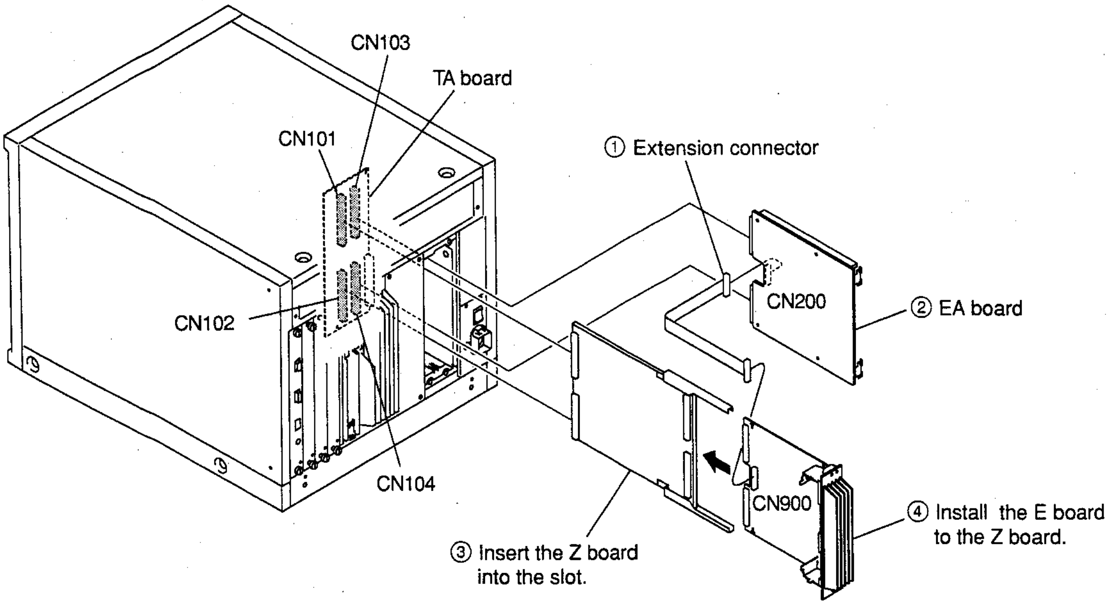
1-3-5. EA Board and E Board (20 Inch)


CN103
TA board
CN101
CN102
CN104
CN1
① Loosen four screws.


CN900
② Four screws (+PS 3 x 6)
④ Insulating plate (E)
③ E board

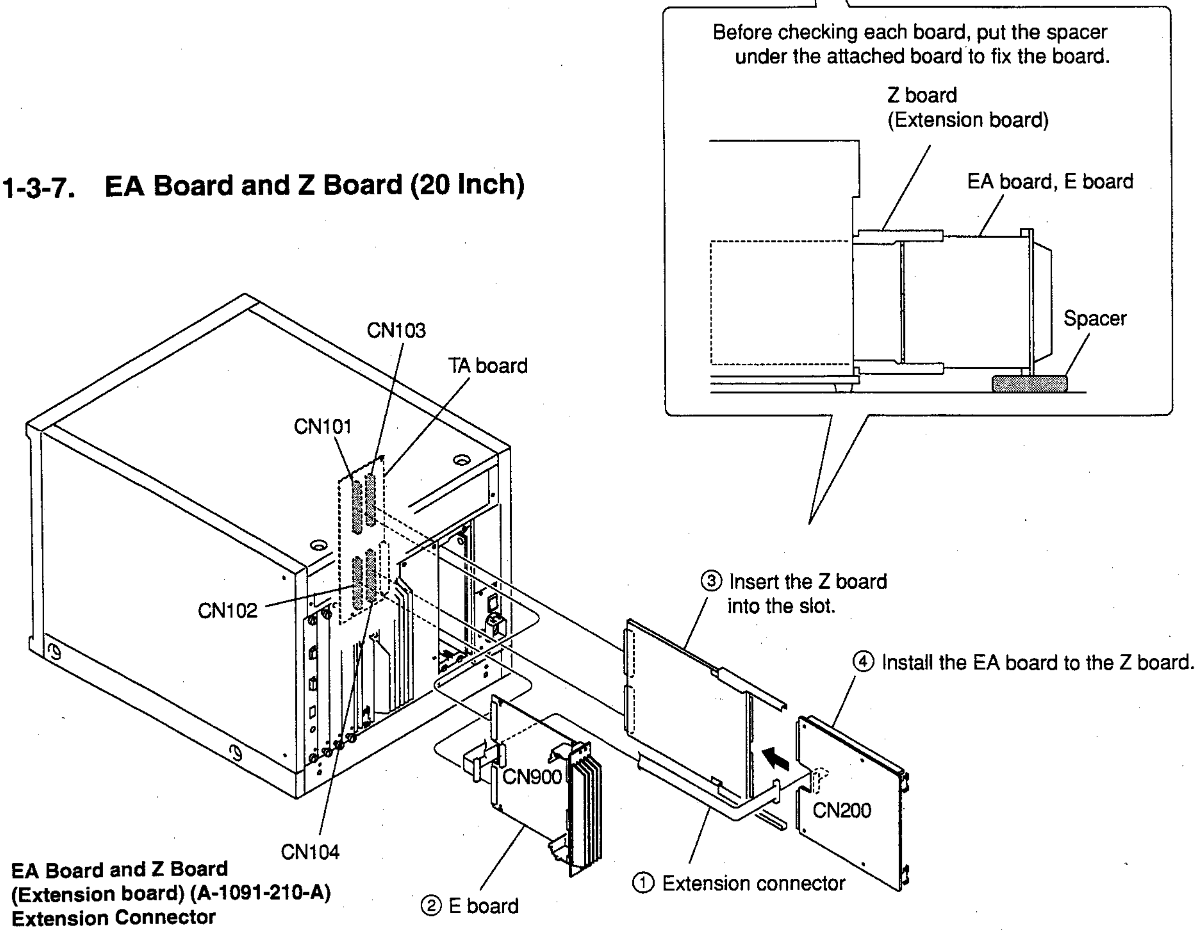

⑦ Cover
⑨ Four step screws (M3 x 4)
⑧ Connector assembly (20P)
CN200
⑩ PWB shield (E) assembly
⑤ Two screws (+BVTT 3 x 8)
⑪ EA board
⑥ Blank panel (EA) assembly

1-3-6. E Board and Z Board (20 Inch)


CN103
TA board
CN101
① Extension connector
CN200
② EA board
CN102
CN104
CN900
④ Install the E board to the Z board.
③ Insert the Z board into the slot.

E Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

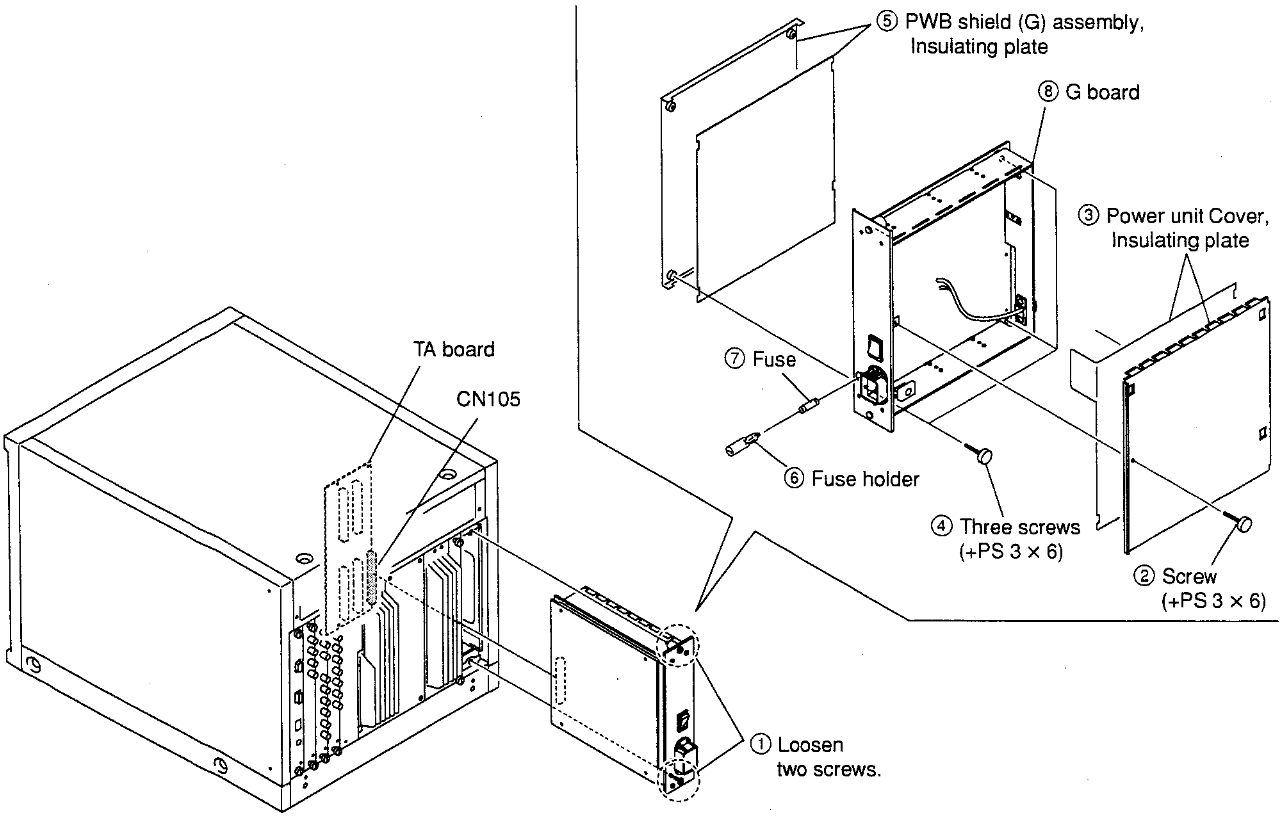
1-3-7. EA Board and Z Board (20 Inch)


Before checking each board, put the spacer under the attached board to fix the board.

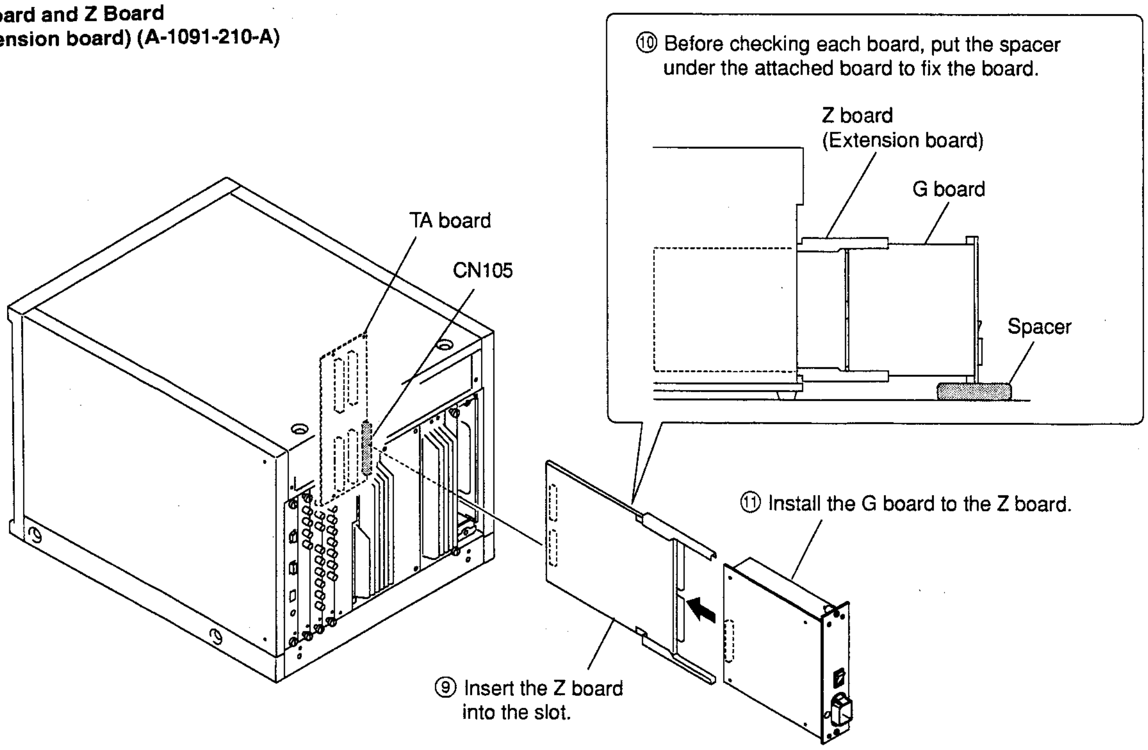
Z board (Extension board)
EA board, E board
Spacer
CN103
TA board
CN101
CN102
③ Insert the Z board into the slot.
④ Install the EA board to the Z board.
CN900
CN200
CN104
① Extension connector
② E board

EA Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

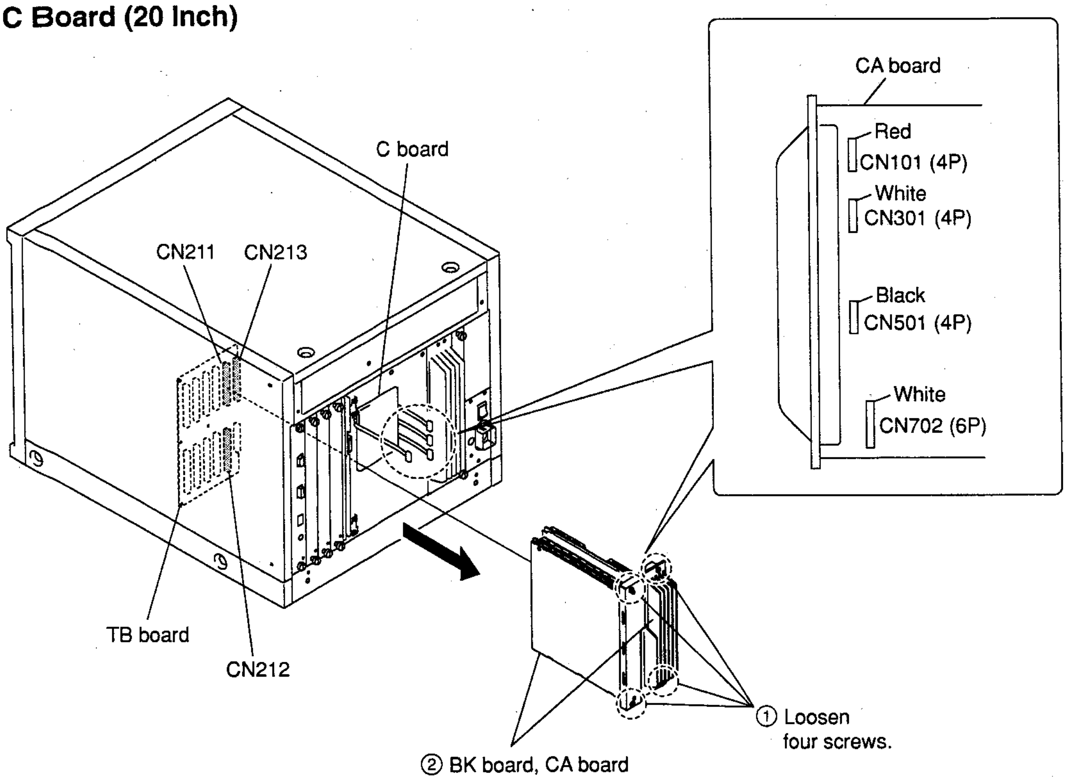
1-3-8. G Board (20 Inch)


⑤ PWB shield (G) assembly,
Insulating plate
⑧ G board
③ Power unit Cover,
Insulating plate
TA board
CN105
⑦ Fuse
⑥ Fuse holder
④ Three screws
(+PS 3 × 6)
② Screw
(+PS 3 × 6)
① Loosen
two screws.

G Board and Z Board
(Extension board) (A-1091-210-A)

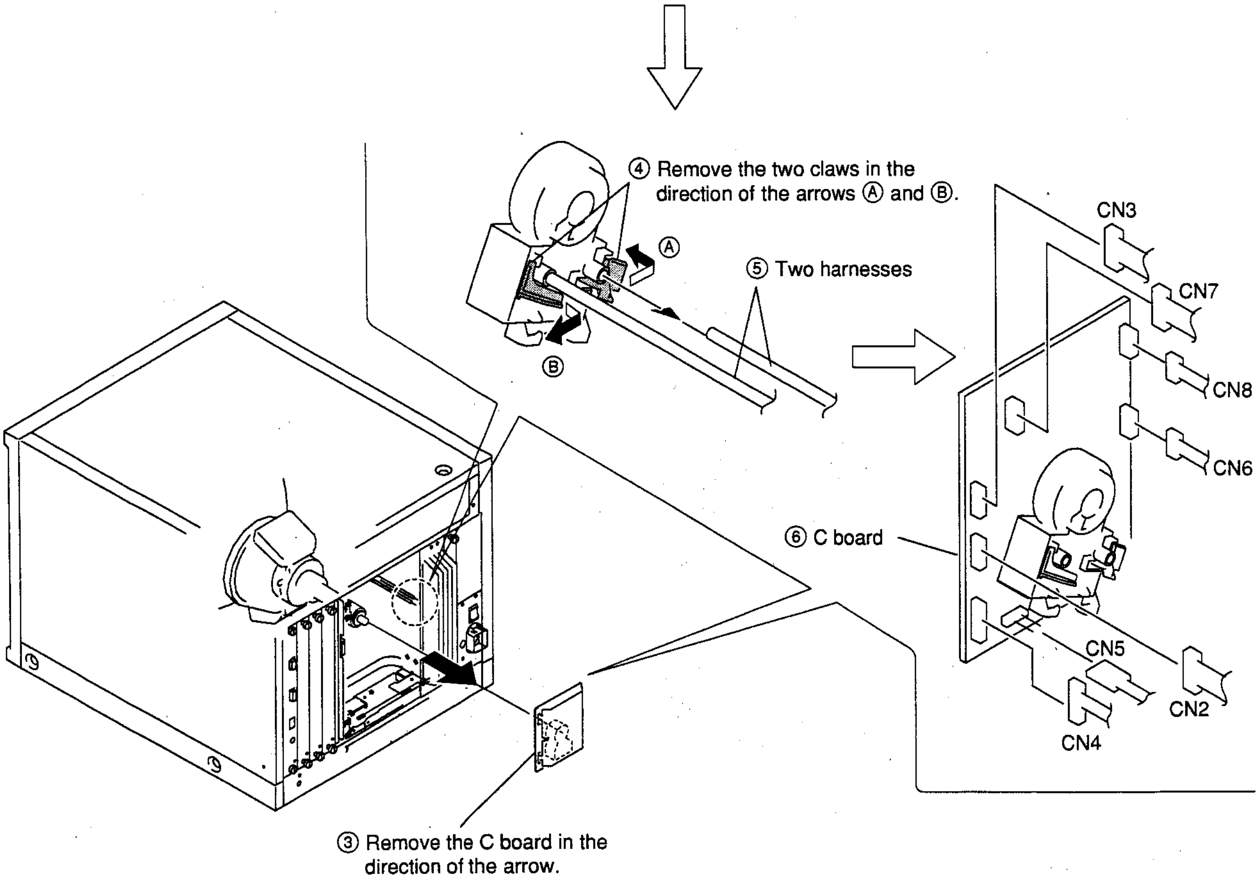

⑩ Before checking each board, put the spacer under the attached board to fix the board.
Z board
(Extension board)
G board
Spacer
TA board
CN105
⑪ Install the G board to the Z board.
⑨ Insert the Z board
into the slot.

1-3-9. C Board (20 Inch)


C board
CN211
CN213
TB board
CN212
CA board
Red
CN101 (4P)
White
CN301 (4P)
Black
CN501 (4P)
White
CN702 (6P)

① Loosen four screws.

② BK board, CA board


Ⓐ
Ⓑ
CN3
CN7
CN8
CN6
CN5
CN2
CN4

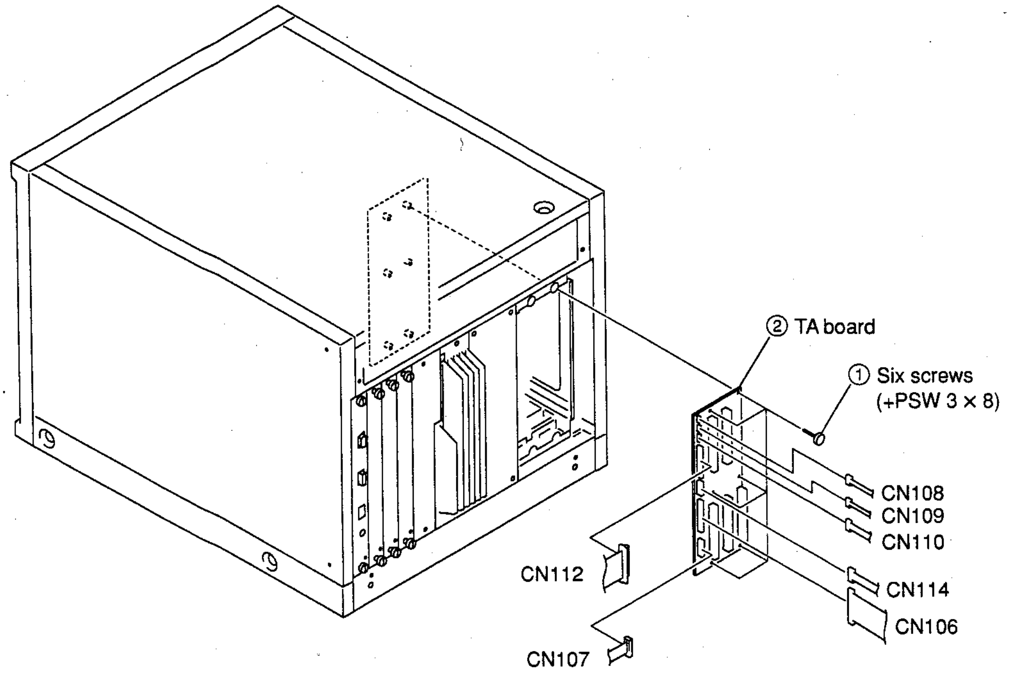
④ Remove the two claws in the direction of the arrows Ⓐ and Ⓑ.

⑤ Two harnesses

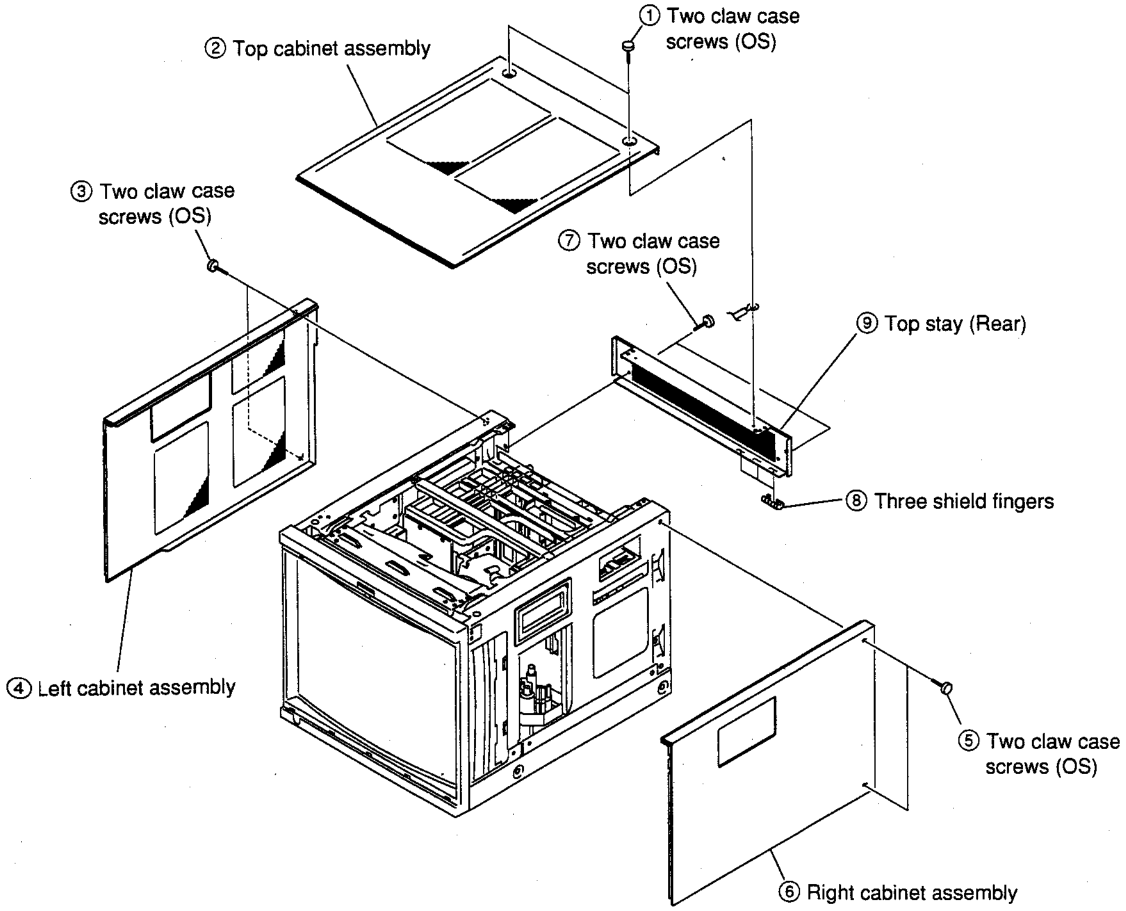
⑥ C board

③ Remove the C board in the direction of the arrow.

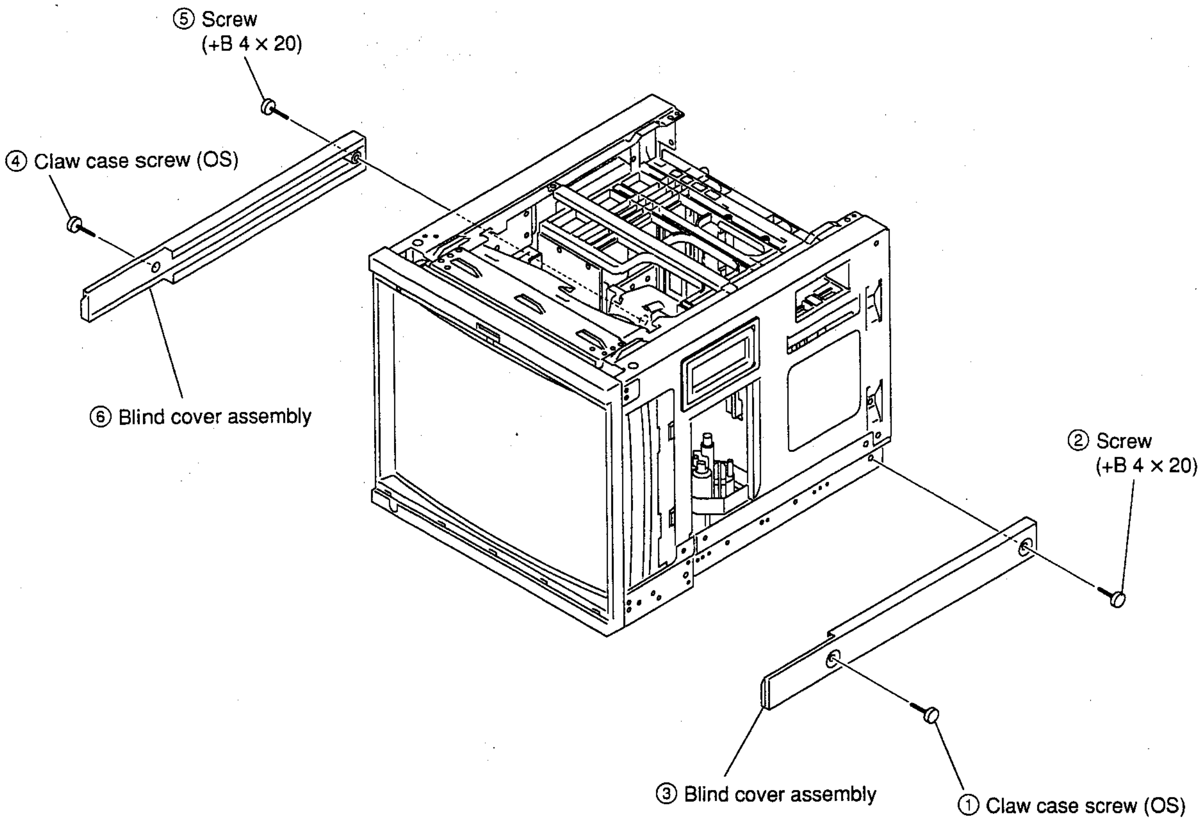
1-3-10. TA Board (20 Inch)


② TA board
① Six screws (+PSW 3 × 8)
CN108
CN109
CN110
CN112
CN114
CN106
CN107

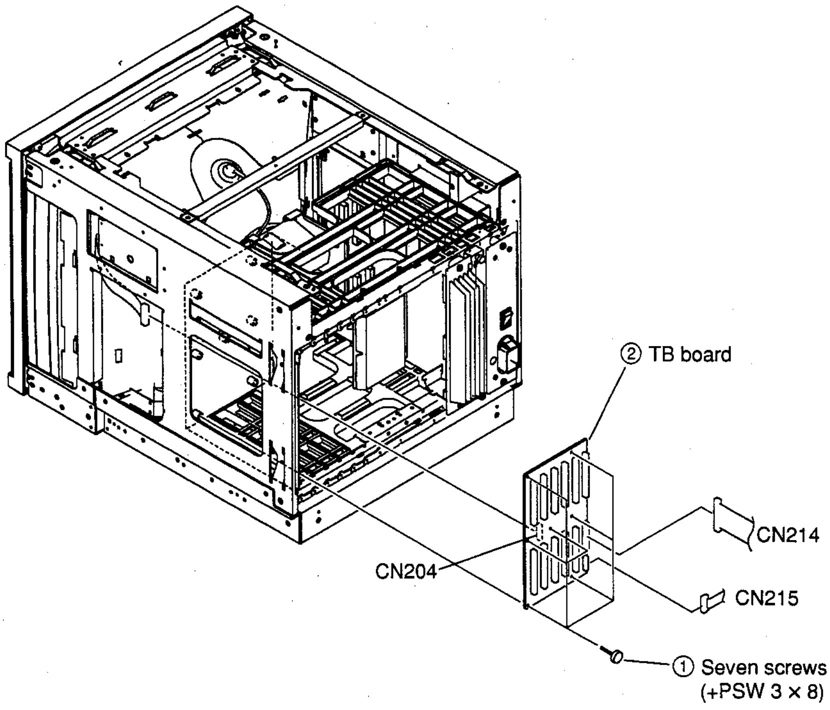
1-3-11. Cabinet (20 Inch)


① Two claw case screws (OS)
② Top cabinet assembly
③ Two claw case screws (OS)
⑦ Two claw case screws (OS)
⑨ Top stay (Rear)
⑧ Three shield fingers
④ Left cabinet assembly
⑤ Two claw case screws (OS)
⑥ Right cabinet assembly

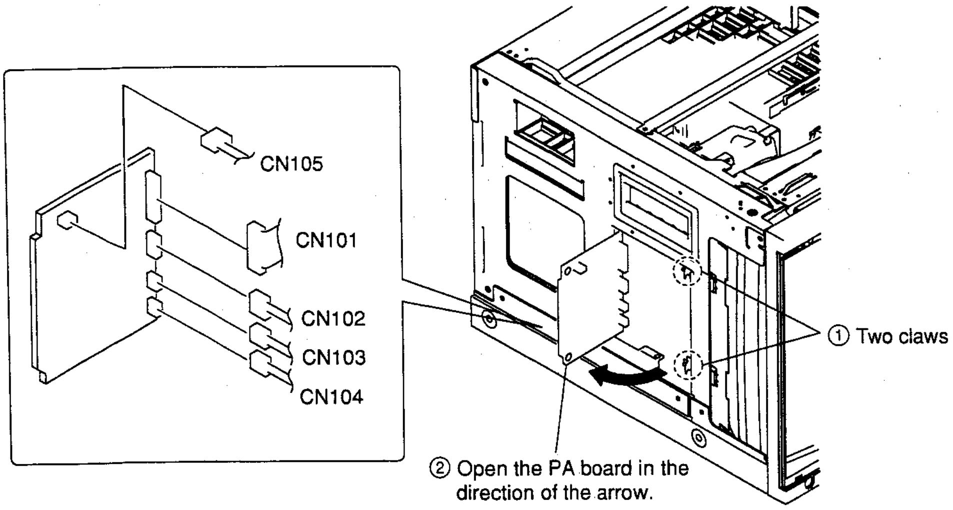
1-3-12. Blind Cover Assembly (20 Inch)


⑤ Screw
(+B 4 × 20)
④ Claw case screw (OS)
⑥ Blind cover assembly
② Screw
(+B 4 × 20)
③ Blind cover assembly
① Claw case screw (OS)

1-3-13. TB Board (20 Inch)

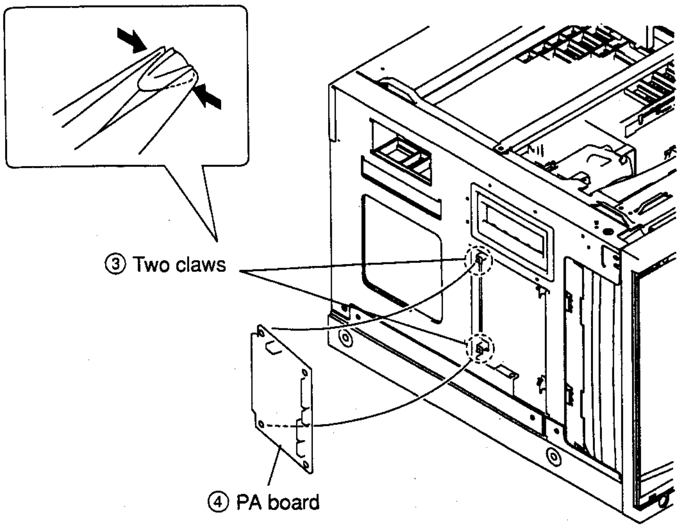

② TB board
CN214
CN204
CN215
① Seven screws
(+PSW 3 × 8)

1-3-14. PA Board (20 Inch)


CN105
CN101
CN102
CN103
CN104

① Two claws

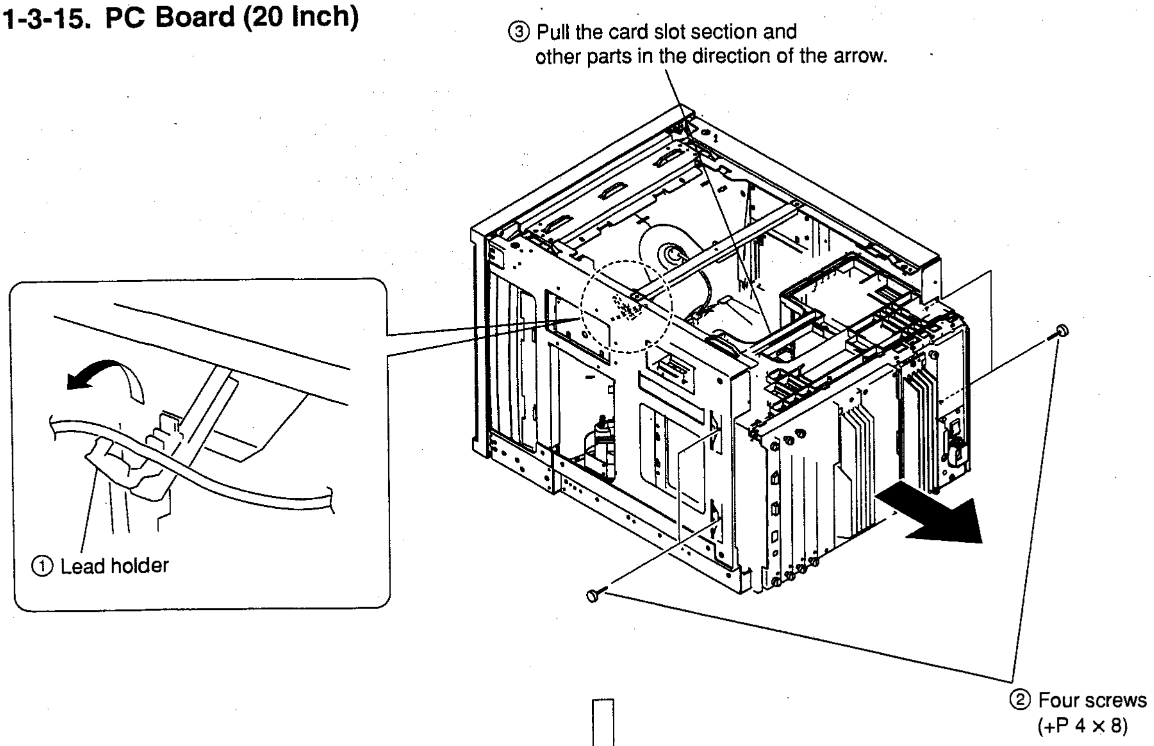
② Open the PA board in the direction of the arrow.

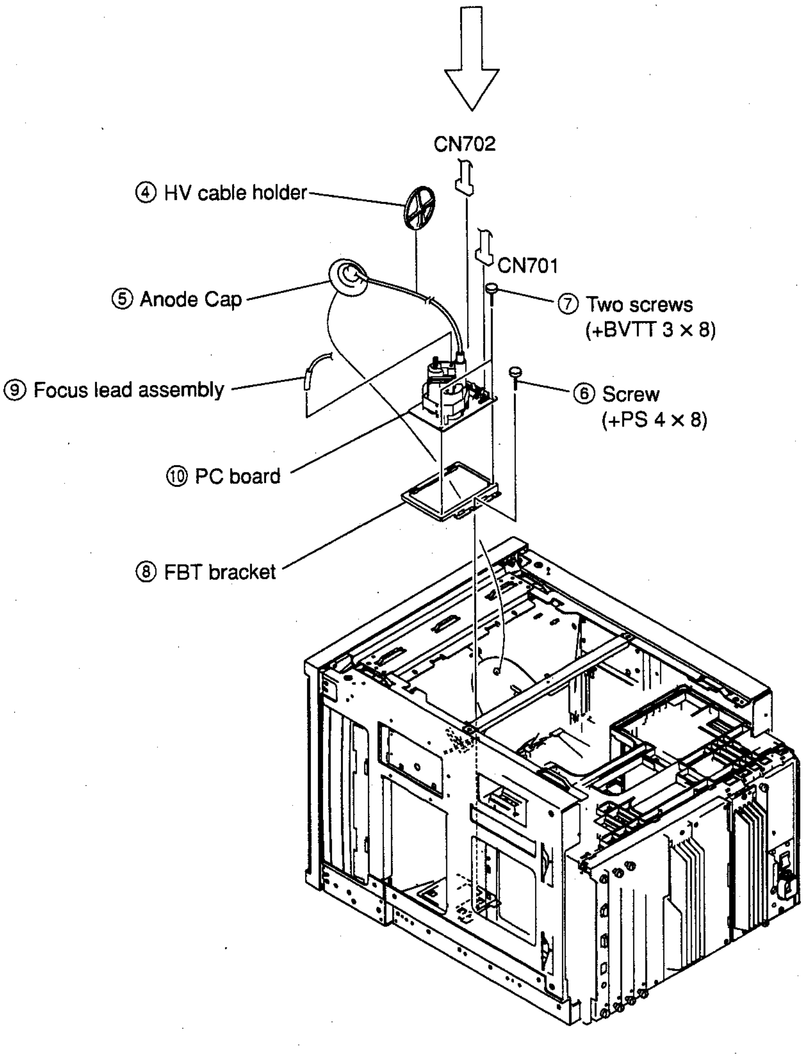


③ Two claws

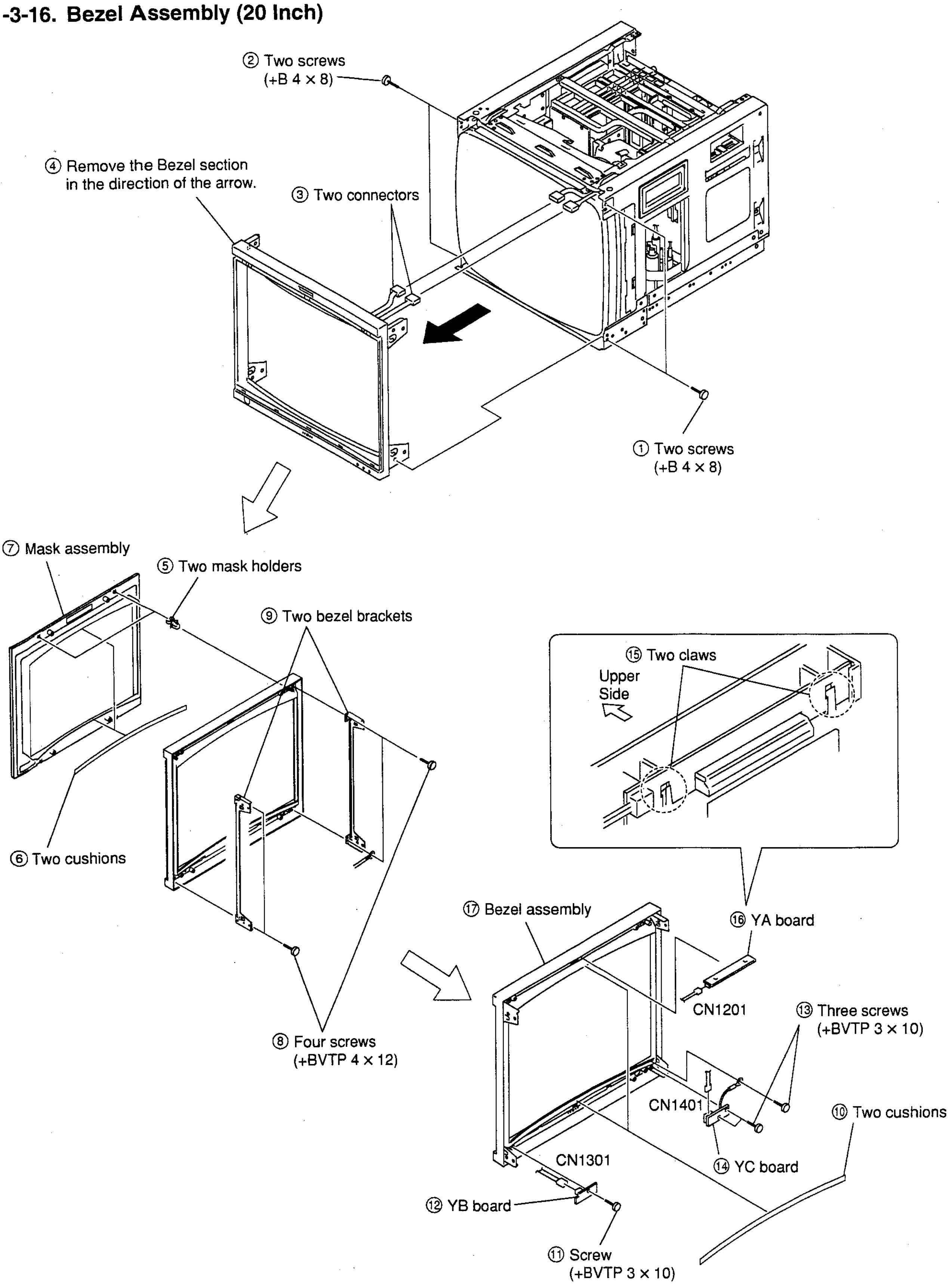
④ PA board

1-3-15. PC Board (20 Inch)

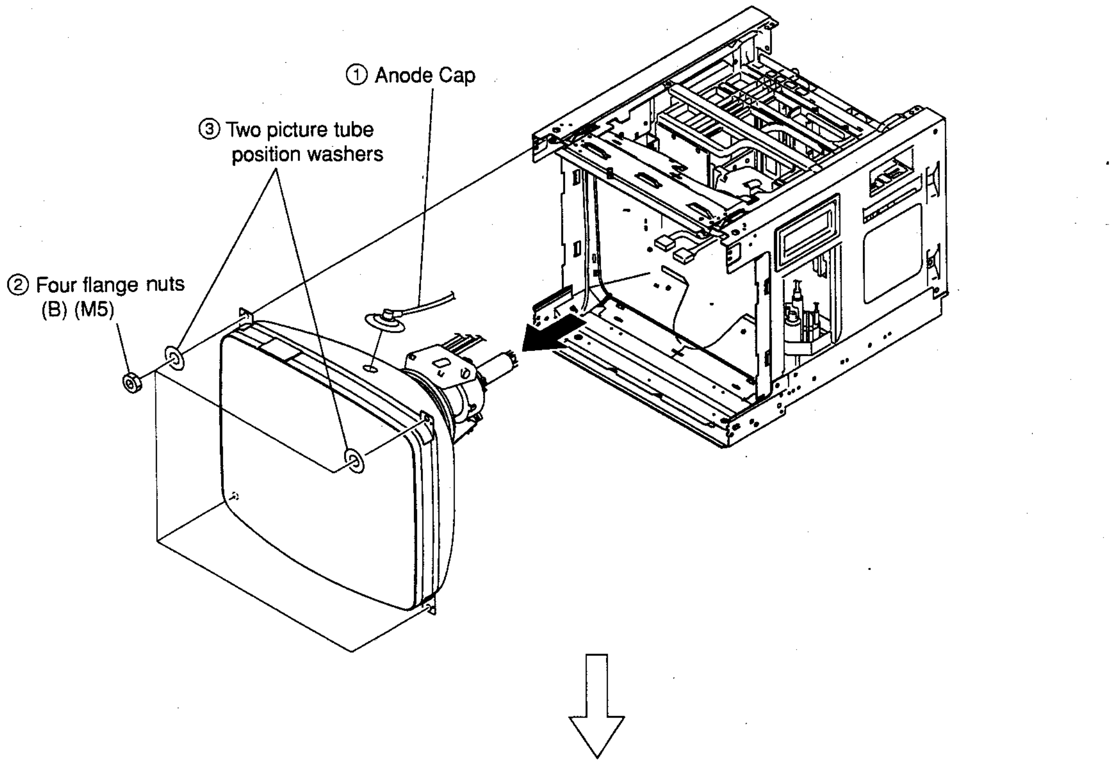

③ Pull the card slot section and other parts in the direction of the arrow.
① Lead holder
② Four screws (+P 4 × 8)

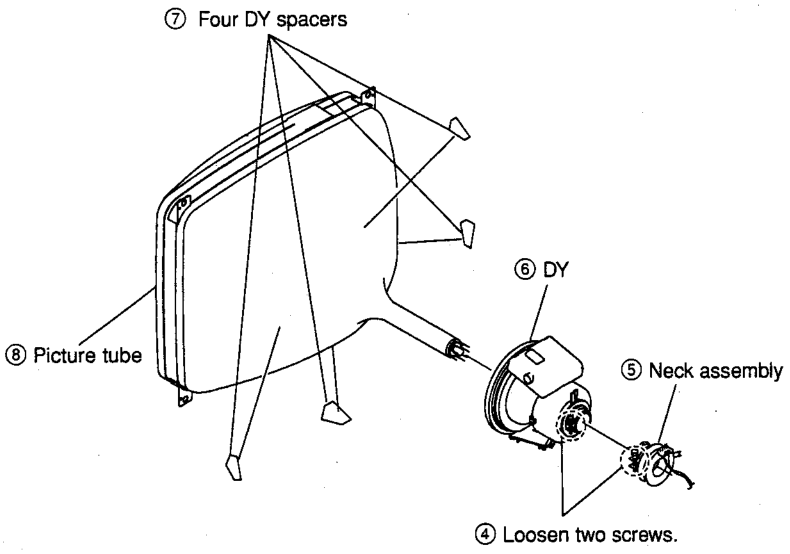

CN702
④ HV cable holder
CN701
⑤ Anode Cap
⑦ Two screws (+BVTT 3 × 8)
⑨ Focus lead assembly
⑥ Screw (+PS 4 × 8)
⑩ PC board
⑧ FBT bracket

1-3-16. Bezel Assembly (20 Inch)

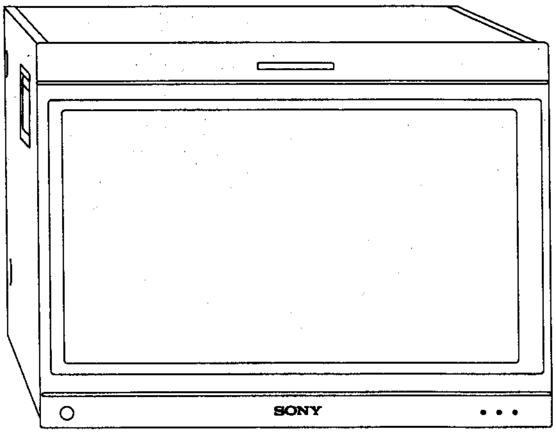

② Two screws (+B 4 × 8)
④ Remove the Bezel section in the direction of the arrow.
③ Two connectors
① Two screws (+B 4 × 8)
⑦ Mask assembly
⑤ Two mask holders
⑨ Two bezel brackets
⑮ Two claws
Upper Side
⑥ Two cushions
⑰ Bezel assembly
⑯ YA board
CN1201
⑬ Three screws (+BVTP 3 × 10)
⑧ Four screws (+BVTP 4 × 12)
CN1401
⑩ Two cushions
CN1301
⑭ YC board
⑫ YB board
⑪ Screw (+BVTP 3 × 10)

1-3-17. Picture Tube (20 Inch)

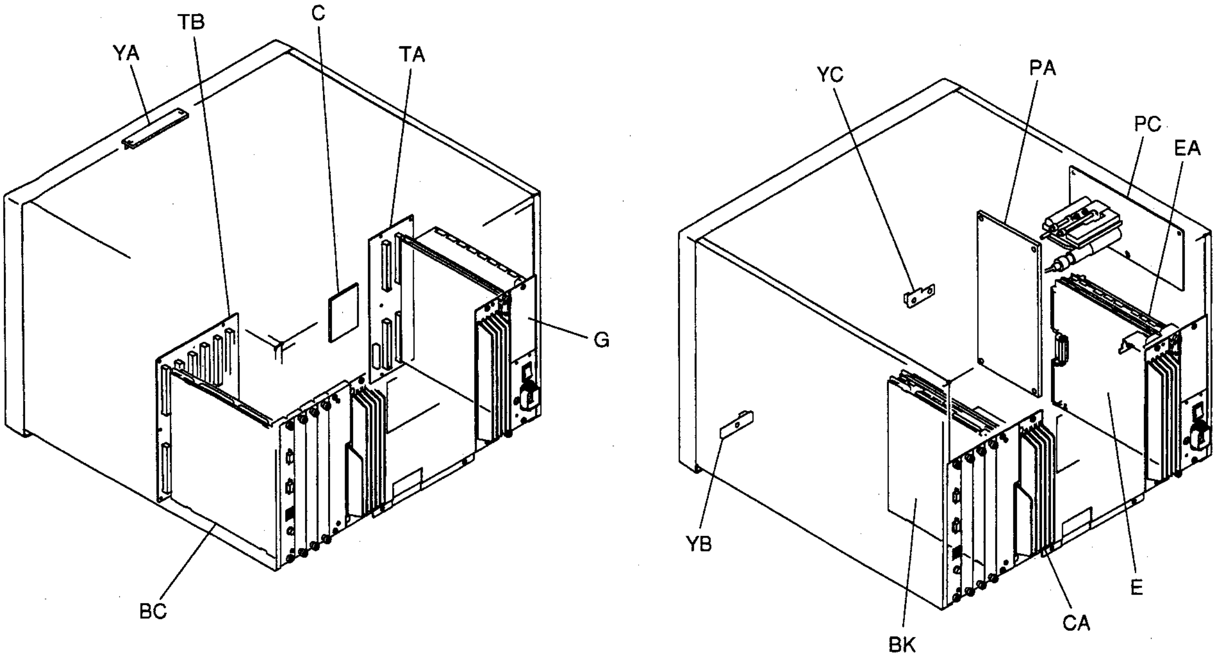

① Anode Cap
③ Two picture tube position washers
② Four flange nuts (B) (M5)


⑦ Four DY spacers
⑥ DY
⑤ Neck assembly
⑧ Picture tube
④ Loosen two screws.

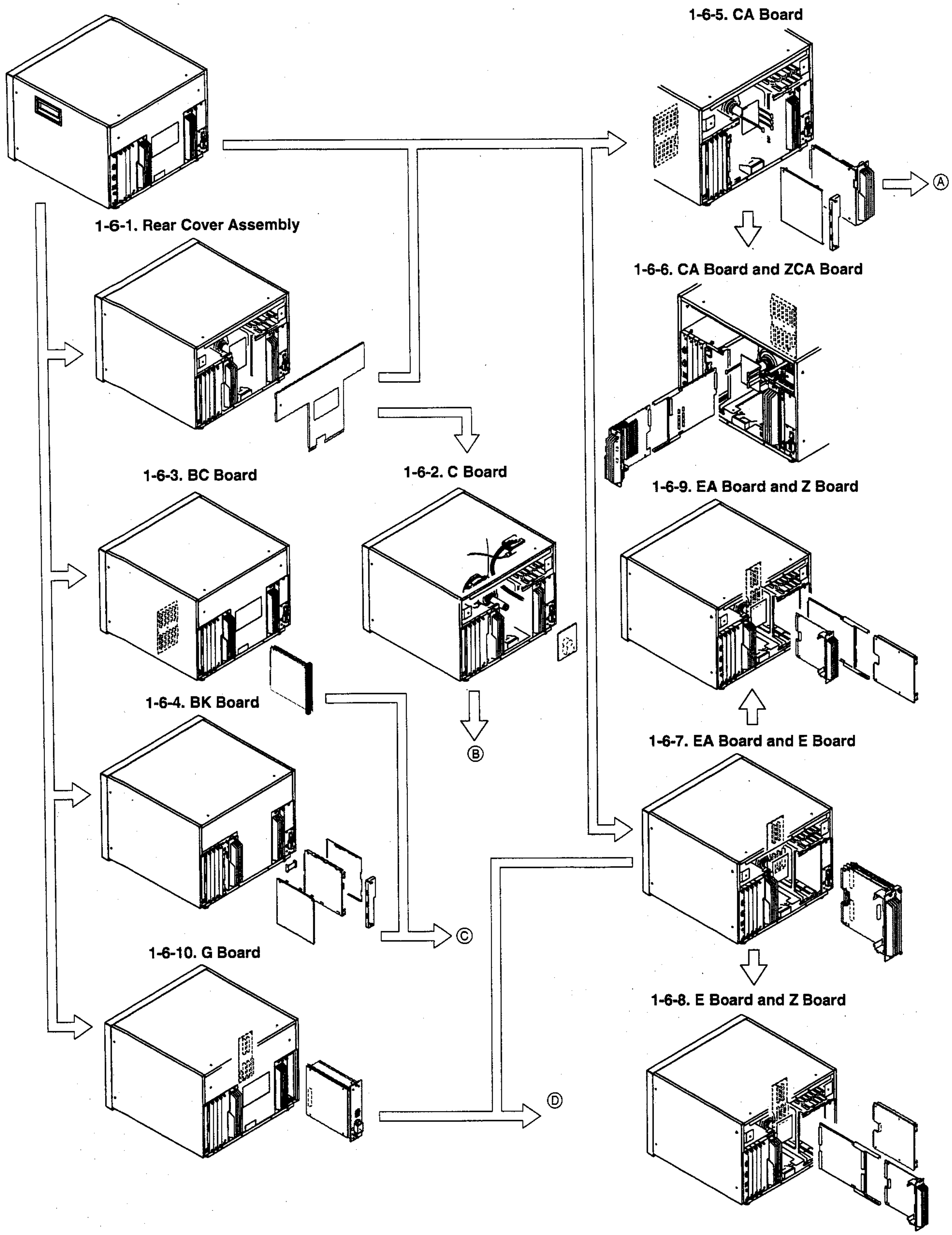
1-4. Appearance Figure (24 Inch)



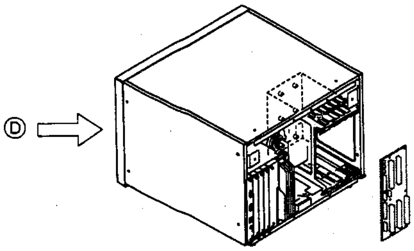
1-5. Board Locations (24 Inch)


TB
C
YA
TA
G
BC
YC
PA
PC
EA
YB
E
CA
BK

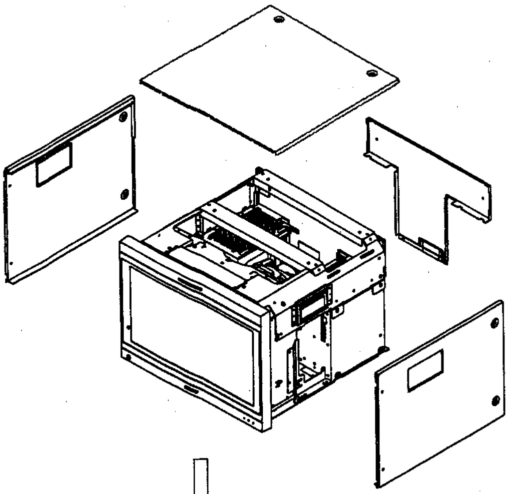
1-6. Disassembly (24 Inch)


1-6-5. CA Board
Ⓐ
1-6-1. Rear Cover Assembly
1-6-6. CA Board and ZCA Board
1-6-3. BC Board
1-6-2. C Board
1-6-9. EA Board and Z Board
1-6-4. BK Board
Ⓑ
1-6-7. EA Board and E Board
Ⓒ
1-6-10. G Board
1-6-8. E Board and Z Board
Ⓓ

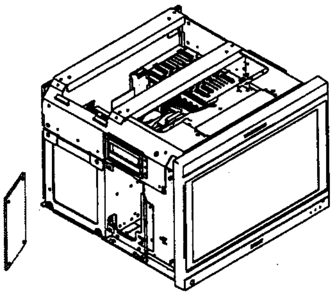
1-6-11. TA Board



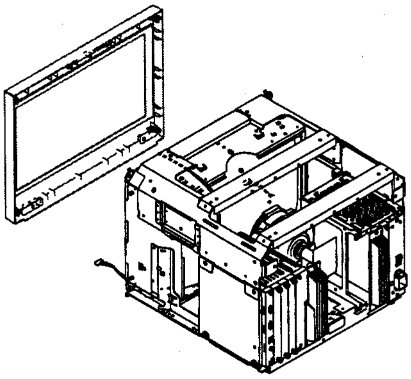
1-6-12. Cover



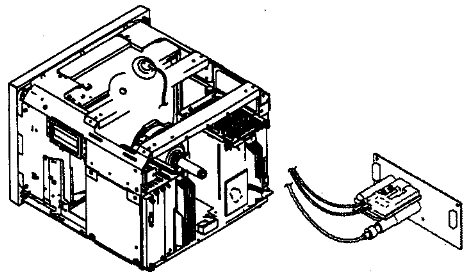
1-6-15. PA Board



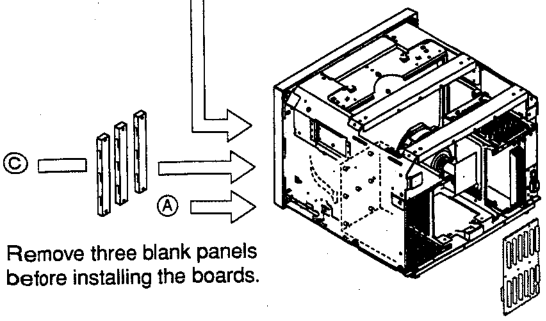
1-6-16. Bezel Assembly



1-6-13. PC Board

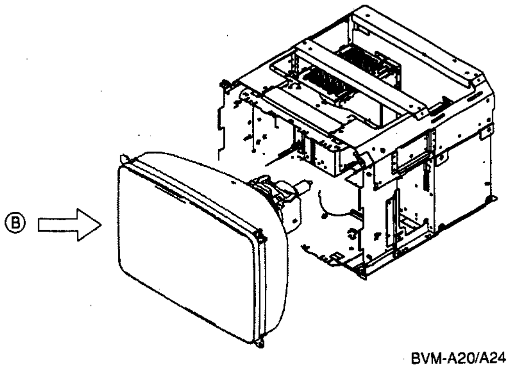


1-6-14. TB Board

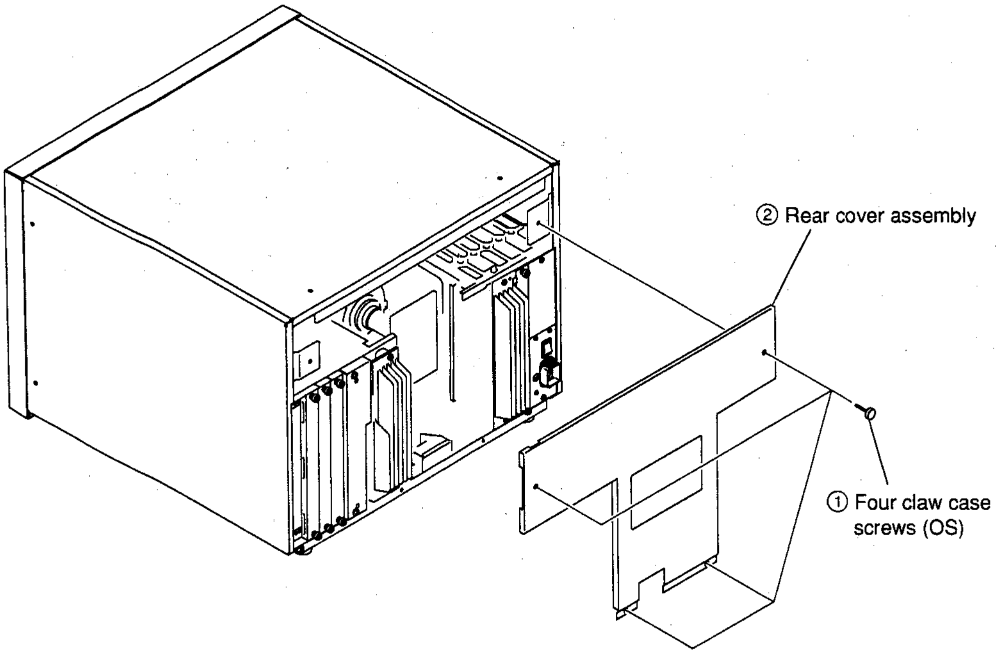


Remove three blank panels before installing the boards.

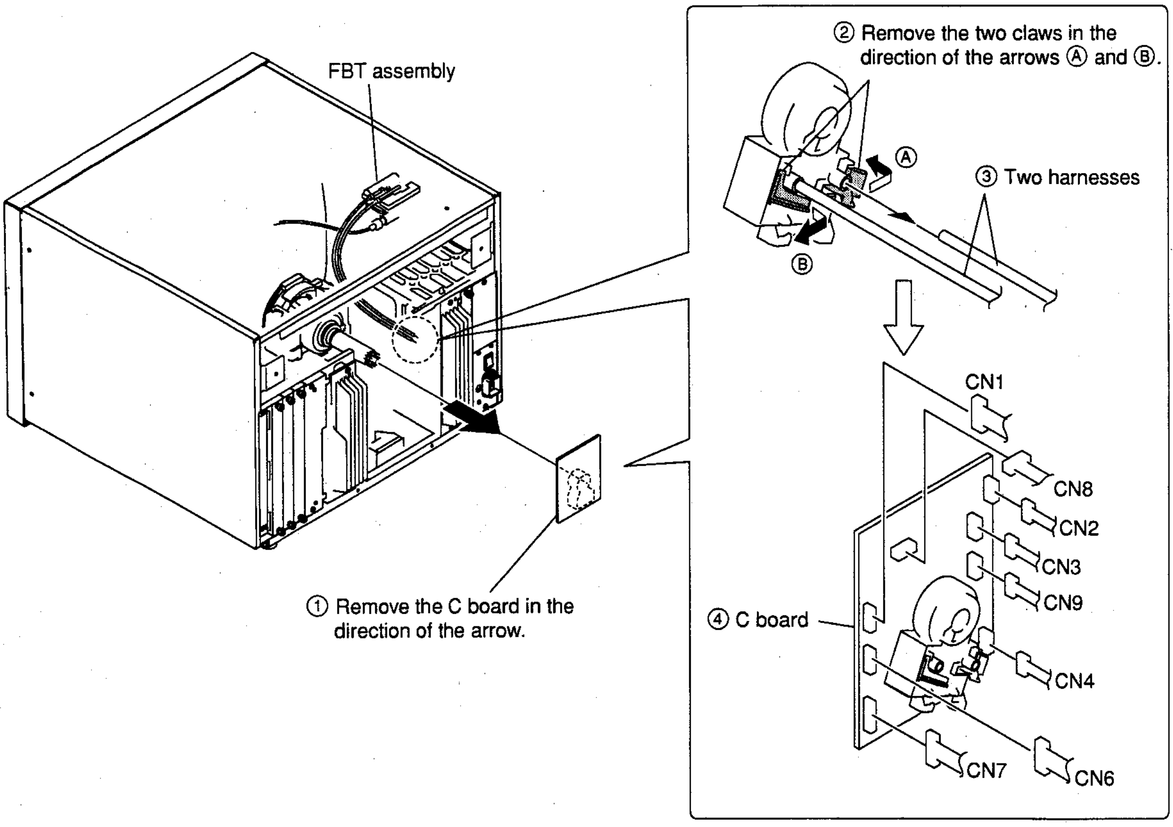
1-6-17. Picture Tube



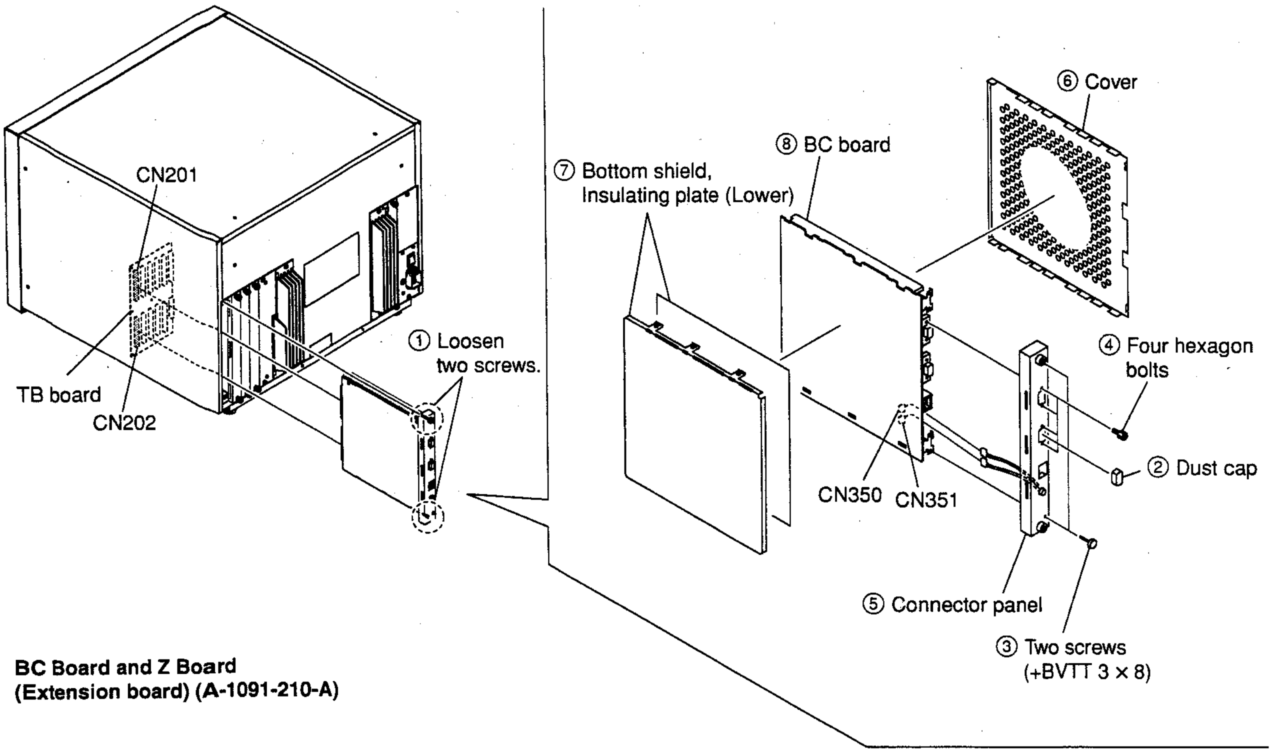
1-6-1. Rear Cover Assembly (24 Inch)


② Rear cover assembly
① Four claw case screws (OS)

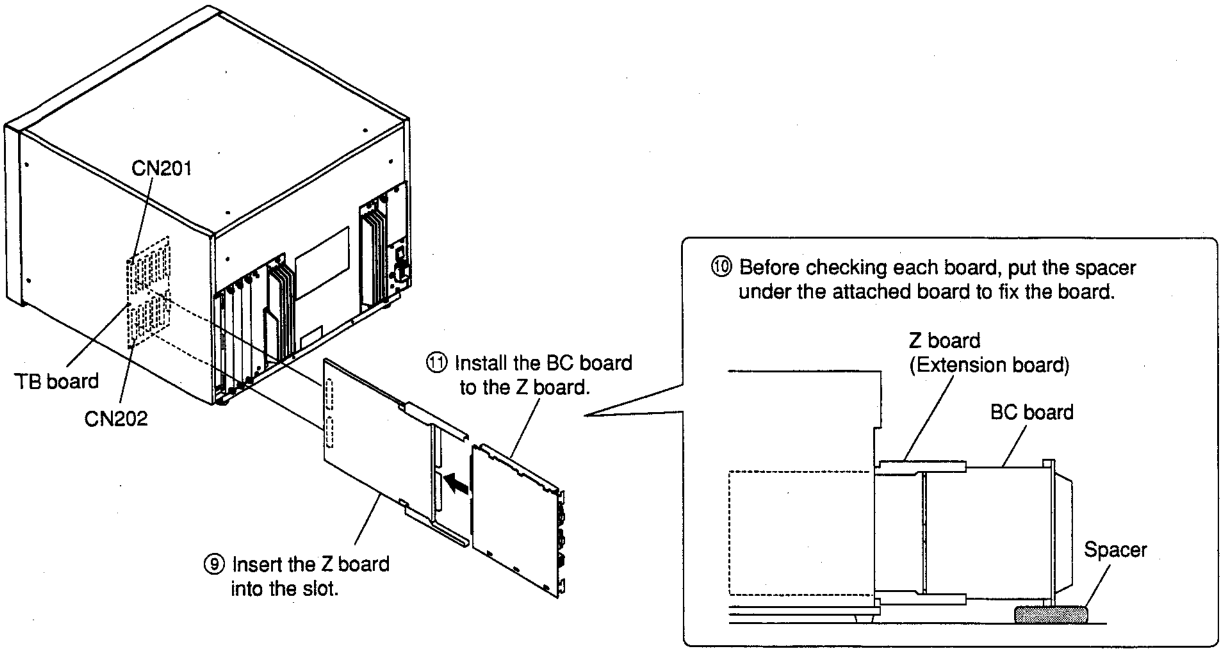
1-6-2. C Board (24 Inch)


FBT assembly
① Remove the C board in the direction of the arrow.
② Remove the two claws in the direction of the arrows Ⓐ and Ⓑ.
Ⓐ
Ⓑ
③ Two harnesses
CN1
CN8
CN2
CN3
CN9
④ C board
CN4
CN7
CN6

1-6-3. BC Board (24 Inch)

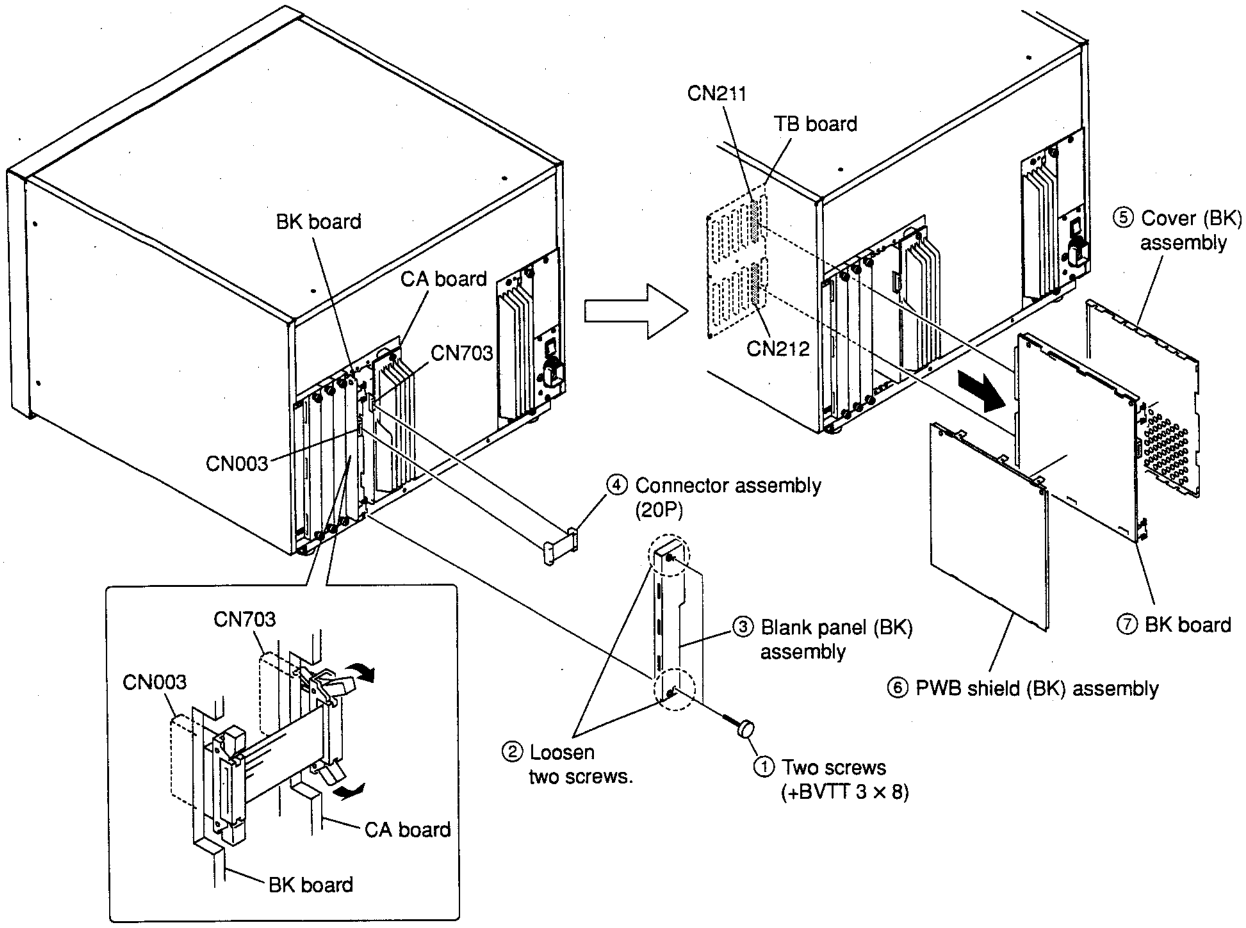

CN201
TB board
CN202
① Loosen two screws.
⑦ Bottom shield, Insulating plate (Lower)
⑧ BC board
⑥ Cover
④ Four hexagon bolts
② Dust cap
CN350
CN351
⑤ Connector panel
③ Two screws (+BVTT 3 × 8)

BC Board and Z Board (Extension board) (A-1091-210-A)


CN201
TB board
CN202
⑪ Install the BC board to the Z board.
⑨ Insert the Z board into the slot.
Z board (Extension board)
BC board
Spacer

⑩ Before checking each board, put the spacer under the attached board to fix the board.

1-6-4. BK Board (24 Inch)


BK board
CA board
CN703
CN003
CN211
TB board
CN212
CN703
CN003
CA board
BK board

① Two screws (+BVTT 3 × 8)

② Loosen two screws.

③ Blank panel (BK) assembly

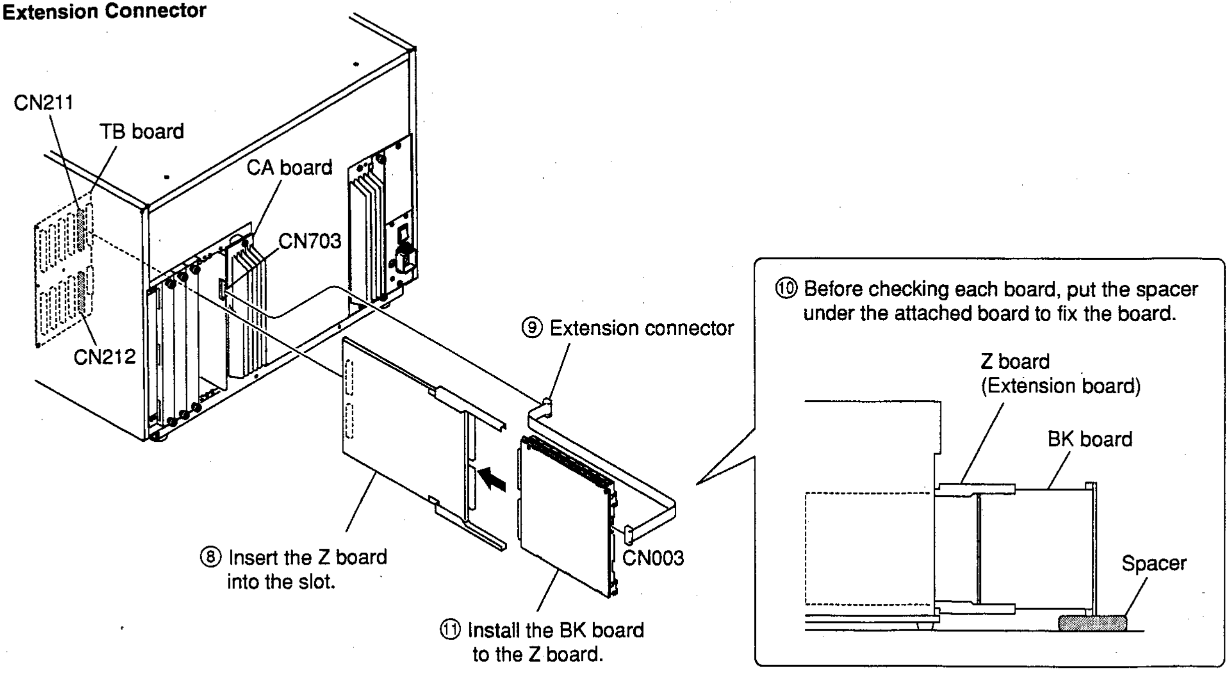
④ Connector assembly (20P)

⑤ Cover (BK) assembly

⑥ PWB shield (BK) assembly

⑦ BK board

BK Board and Z Board (Extension board) (A-1091-210-A) Extension Connector


CN211
TB board
CA board
CN703
CN212
CN003
Z board
(Extension board)
BK board
Spacer

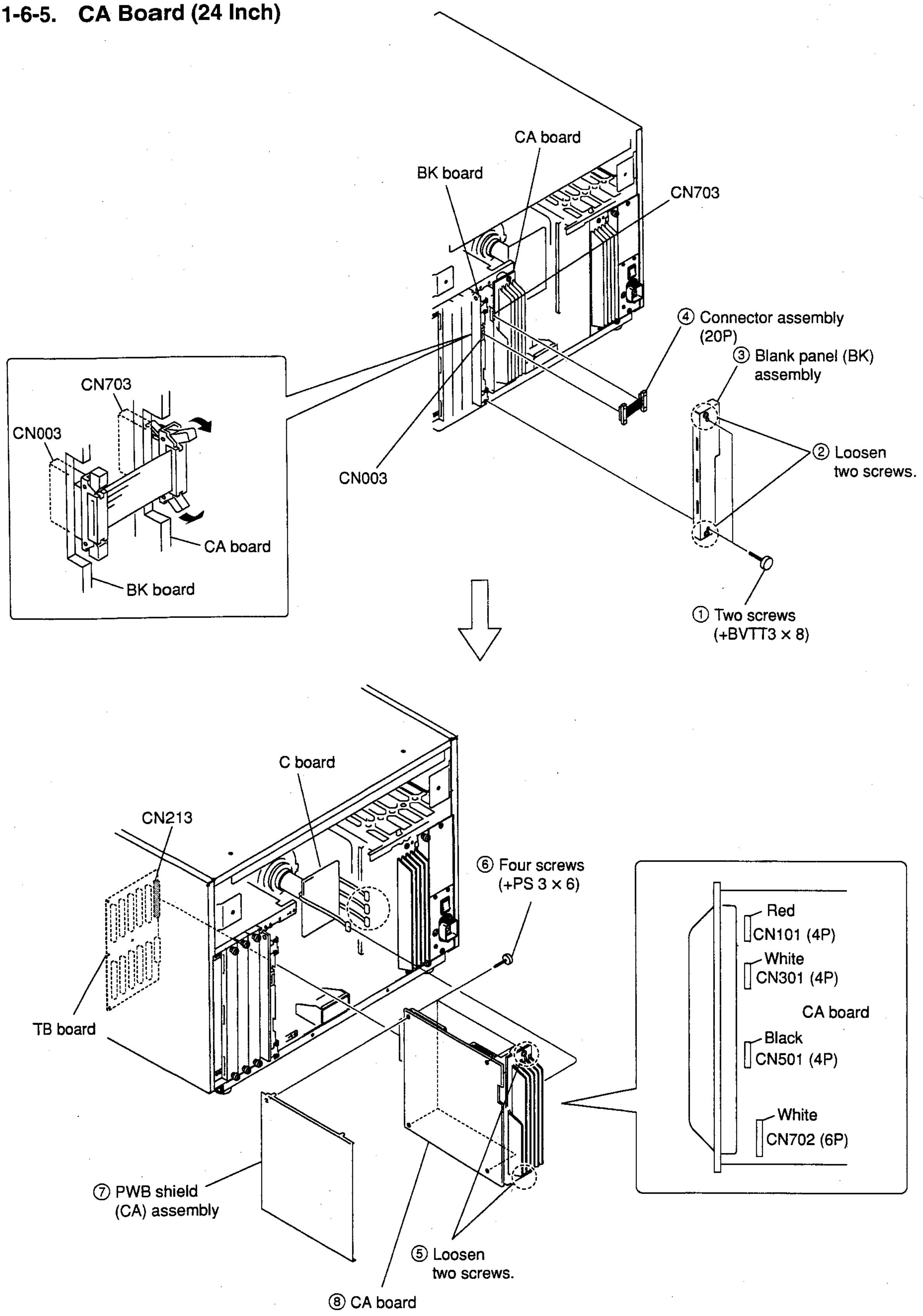
⑧ Insert the Z board into the slot.

⑨ Extension connector

⑩ Before checking each board, put the spacer under the attached board to fix the board.

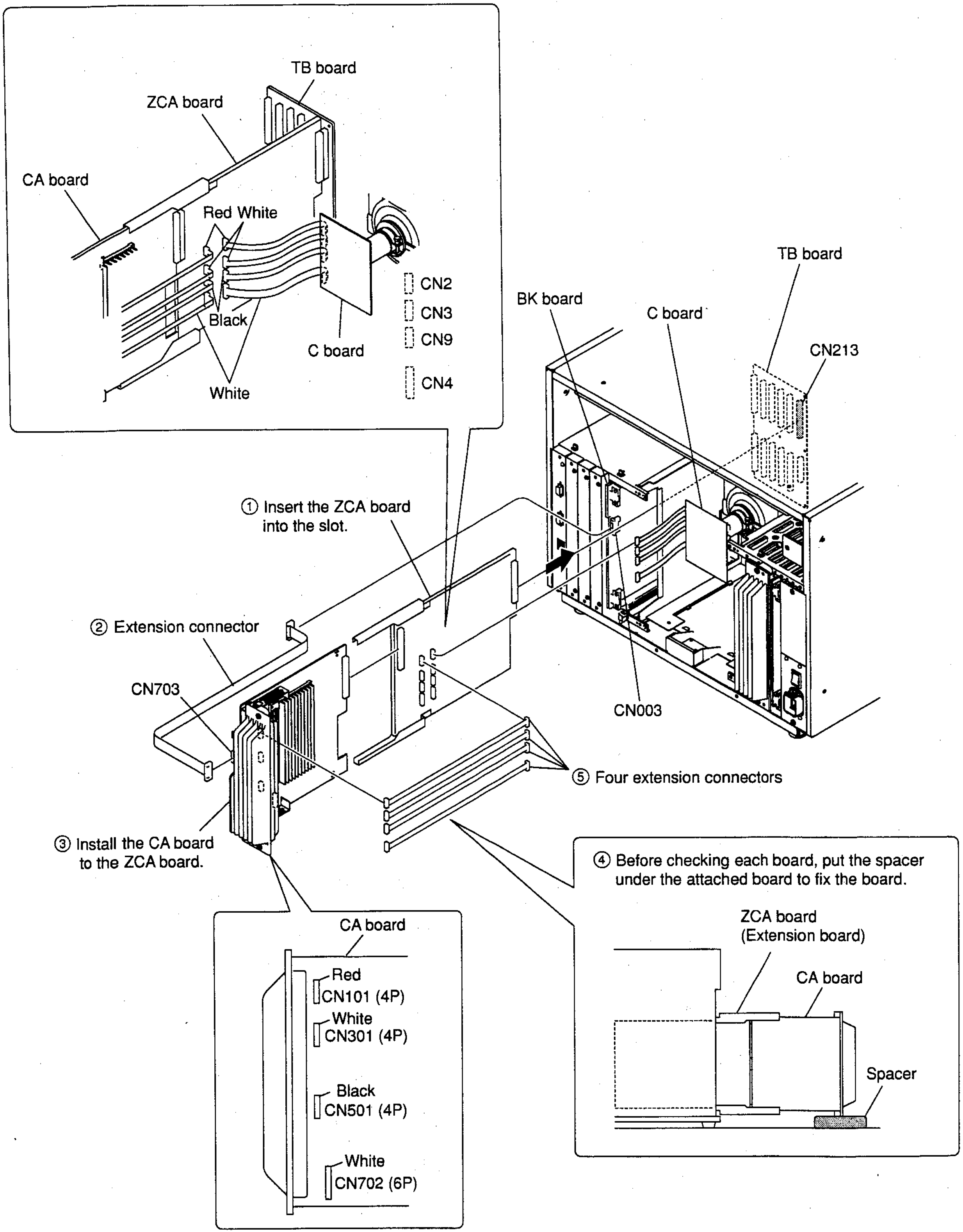
⑪ Install the BK board to the Z board.

1-6-5. CA Board (24 Inch)


CA board
BK board
CN703
④ Connector assembly (20P)
③ Blank panel (BK) assembly
② Loosen two screws.
① Two screws (+BVTT3 × 8)
CN003
CN703
CN003
CA board
BK board
C board
CN213
TB board
⑥ Four screws (+PS 3 × 6)
Red
CN101 (4P)
White
CN301 (4P)
CA board
Black
CN501 (4P)
White
CN702 (6P)
⑦ PWB shield (CA) assembly
⑤ Loosen two screws.
⑧ CA board

1-6-6. CA Board and ZCA Board (24 Inch)

ZCA Board (Extension board) (A-1091-211-A)
Five Extension Connectors


TB board
ZCA board
CA board
Red White
Black
White
C board
CN2
CN3
CN9
CN4
TB board
BK board
C board
CN213
CN703
CN003
CA board
Red
CN101 (4P)
White
CN301 (4P)
Black
CN501 (4P)
White
CN702 (6P)
ZCA board
(Extension board)
CA board
Spacer

① Insert the ZCA board into the slot.

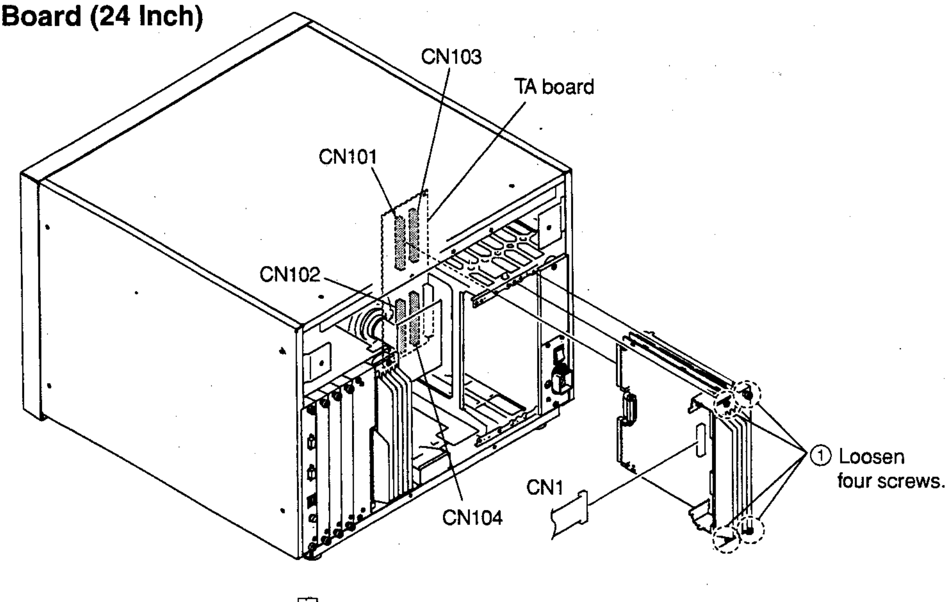
② Extension connector

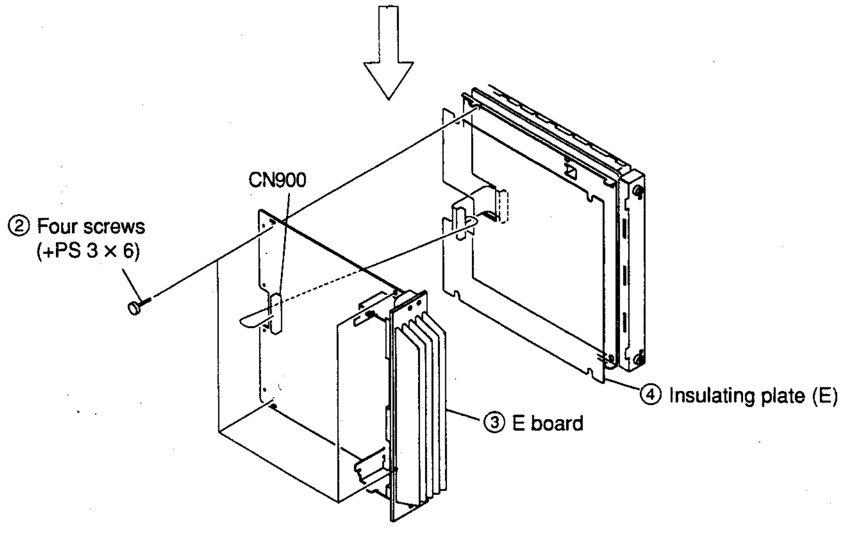
③ Install the CA board to the ZCA board.

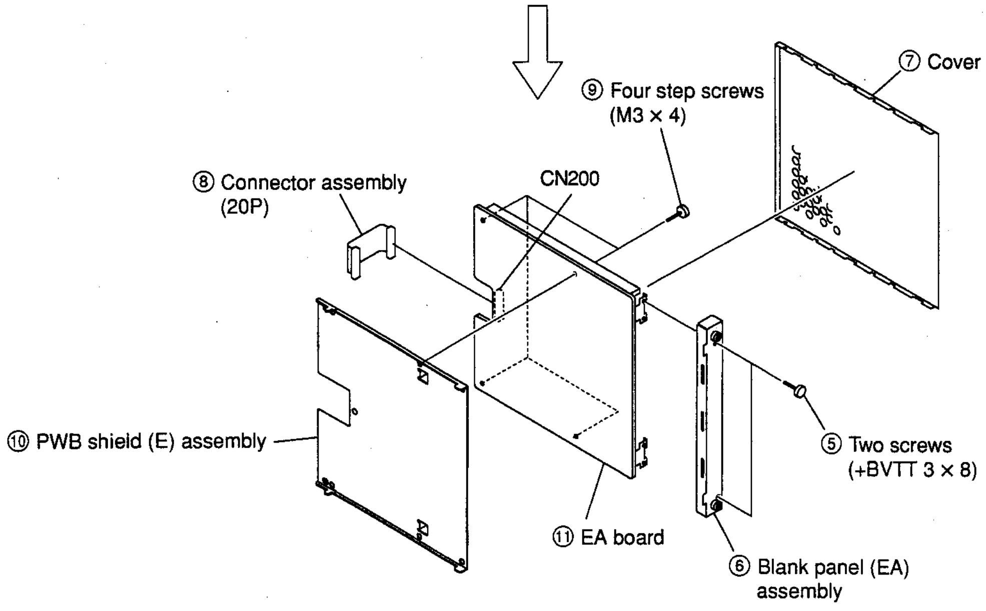
④ Before checking each board, put the spacer under the attached board to fix the board.

⑤ Four extension connectors

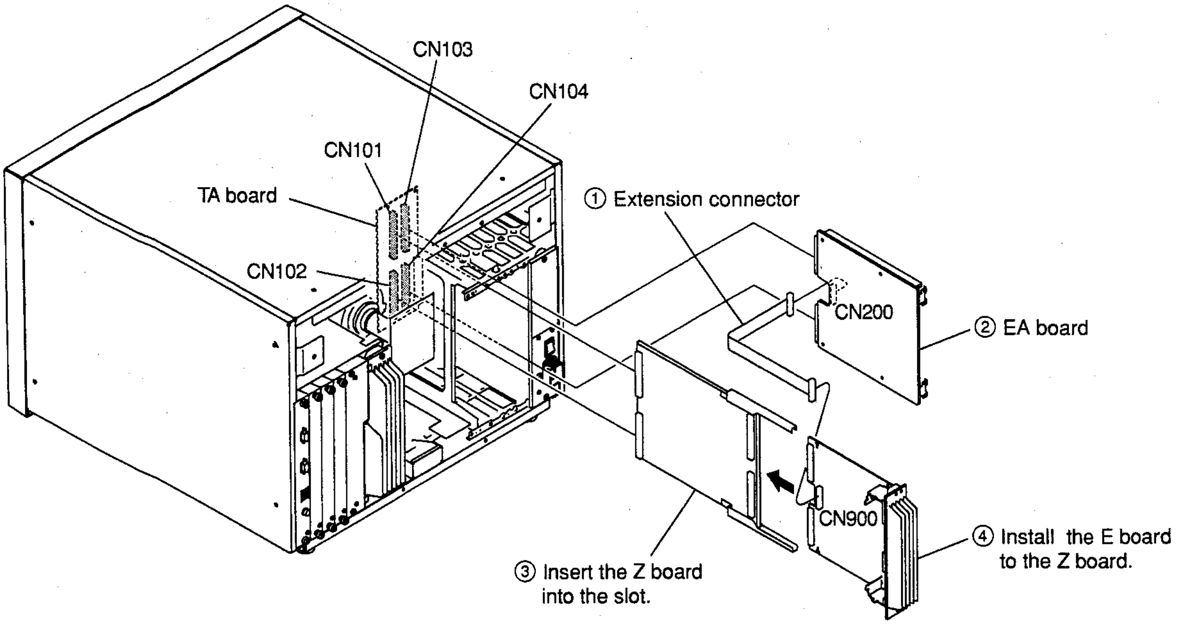
1-6-7. EA Board and E Board (24 Inch)


CN103
TA board
CN101
CN102
① Loosen four screws.
CN1
CN104


CN900
② Four screws (+PS 3 × 6)
④ Insulating plate (E)
③ E board

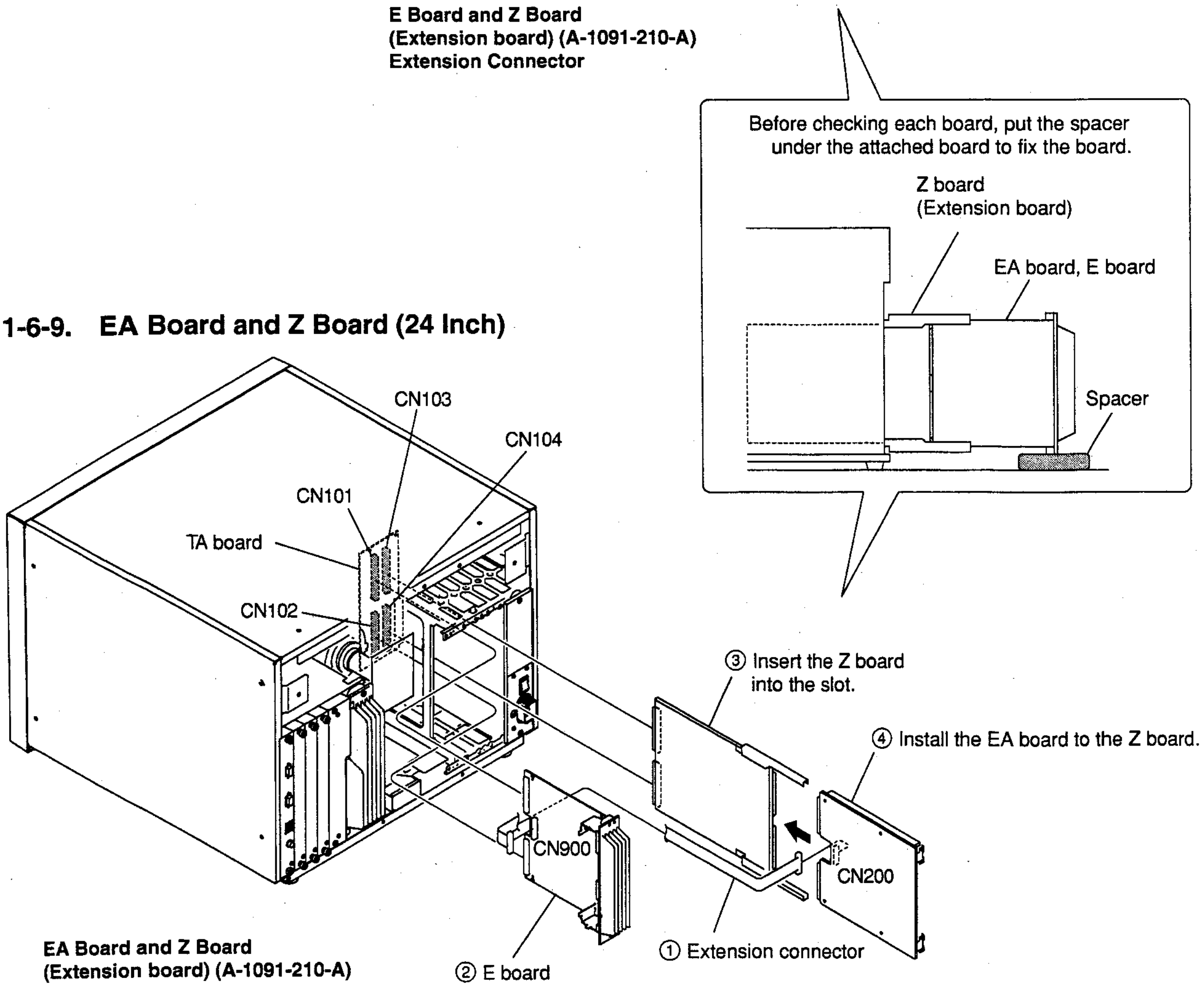

⑦ Cover
⑨ Four step screws (M3 × 4)
⑧ Connector assembly (20P)
CN200
⑩ PWB shield (E) assembly
⑤ Two screws (+BVTT 3 × 8)
⑪ EA board
⑥ Blank panel (EA) assembly

1-6-8. E Board and Z Board (24 Inch)


CN103
CN104
CN101
TA board
① Extension connector
CN102
CN200
② EA board
CN900
④ Install the E board to the Z board.
③ Insert the Z board into the slot.

E Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

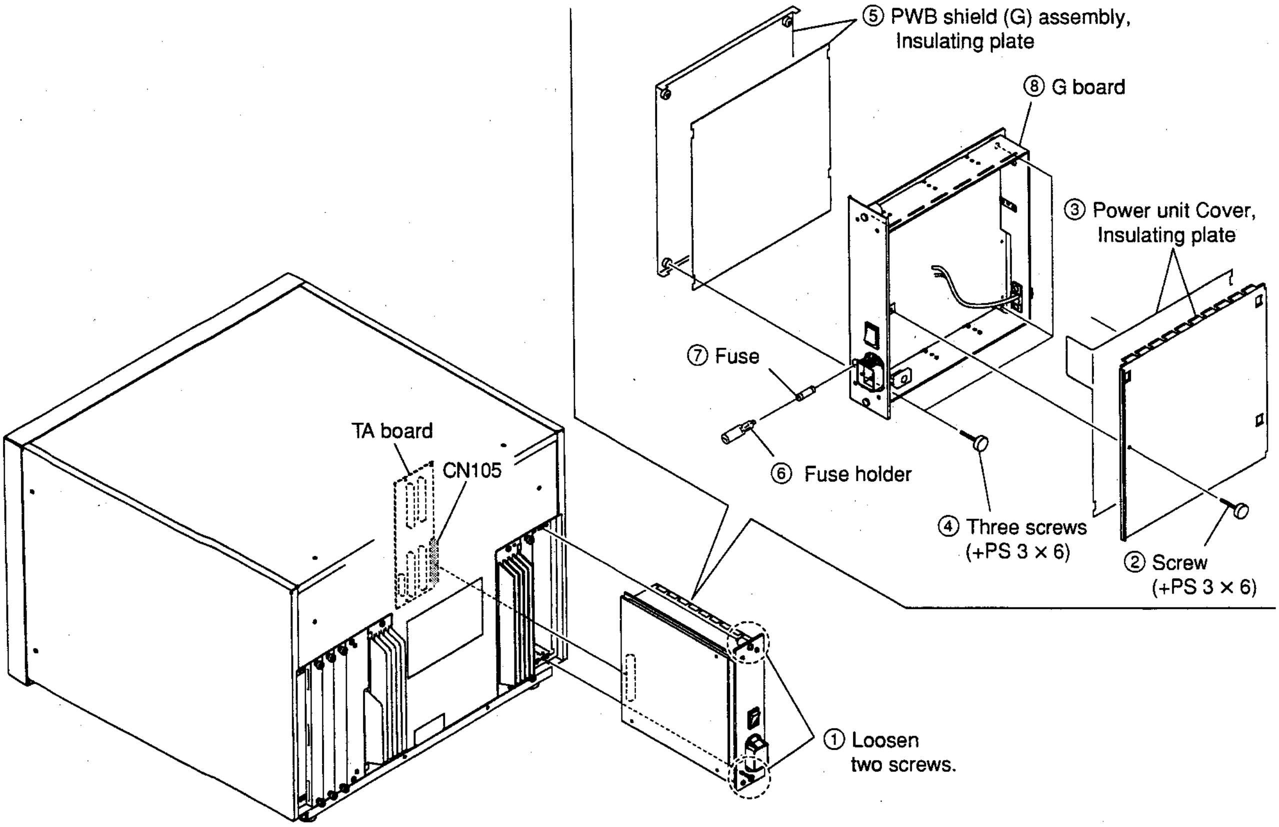
1-6-9. EA Board and Z Board (24 Inch)


Before checking each board, put the spacer under the attached board to fix the board.

Z board (Extension board)
EA board, E board
Spacer
CN103
CN104
CN101
TA board
CN102
③ Insert the Z board into the slot.
④ Install the EA board to the Z board.
CN900
CN200
① Extension connector
② E board

EA Board and Z Board (Extension board) (A-1091-210-A) Extension Connector

1-6-10. G Board (24 Inch)



TA board
CN105

① Loosen two screws.

② Screw (+PS 3 × 6)

③ Power unit Cover, Insulating plate

④ Three screws (+PS 3 × 6)

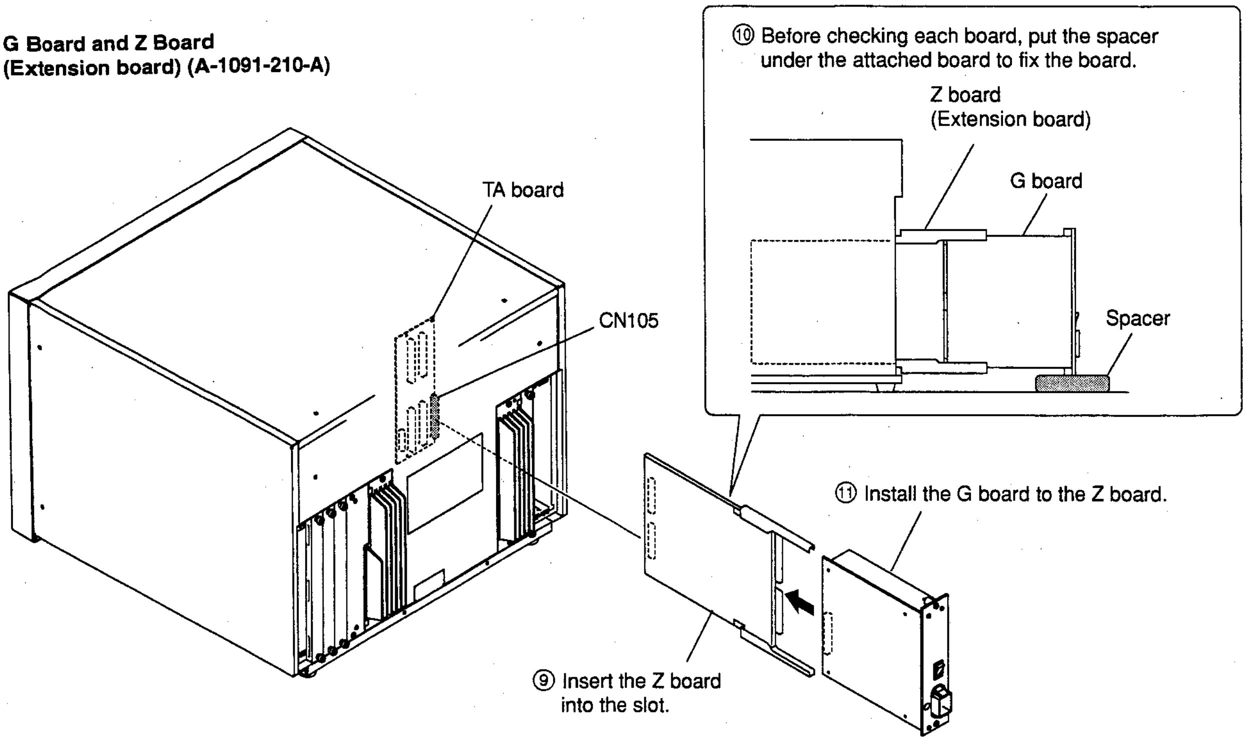
⑤ PWB shield (G) assembly, Insulating plate

⑥ Fuse holder

⑦ Fuse

⑧ G board

G Board and Z Board
(Extension board) (A-1091-210-A)



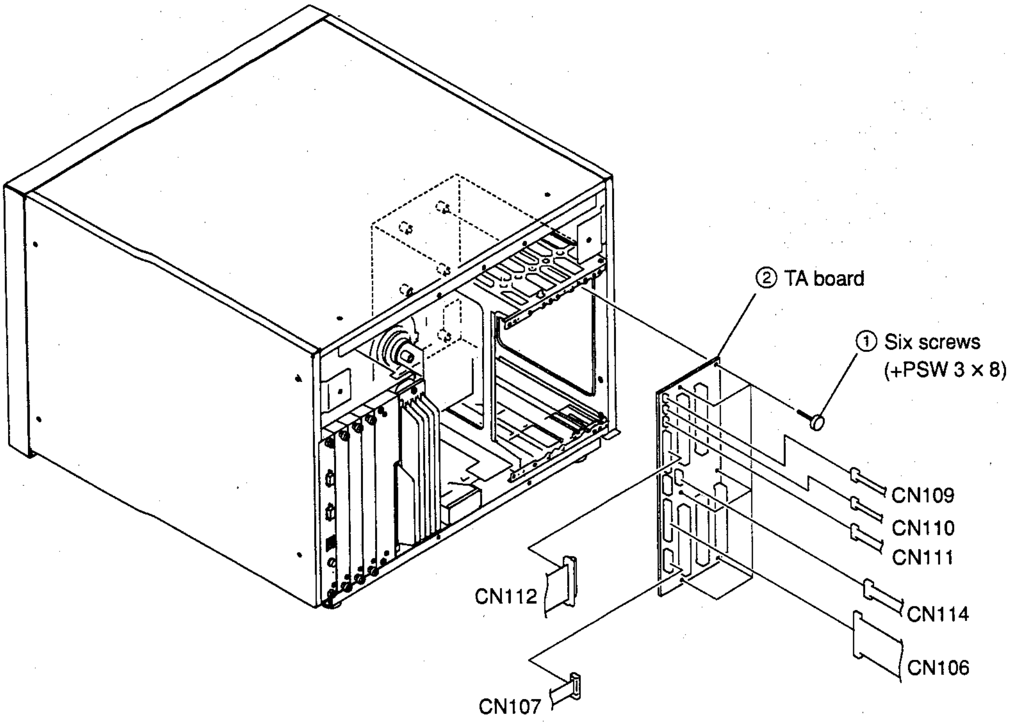
TA board
CN105
Z board
(Extension board)
G board
Spacer

⑨ Insert the Z board into the slot.

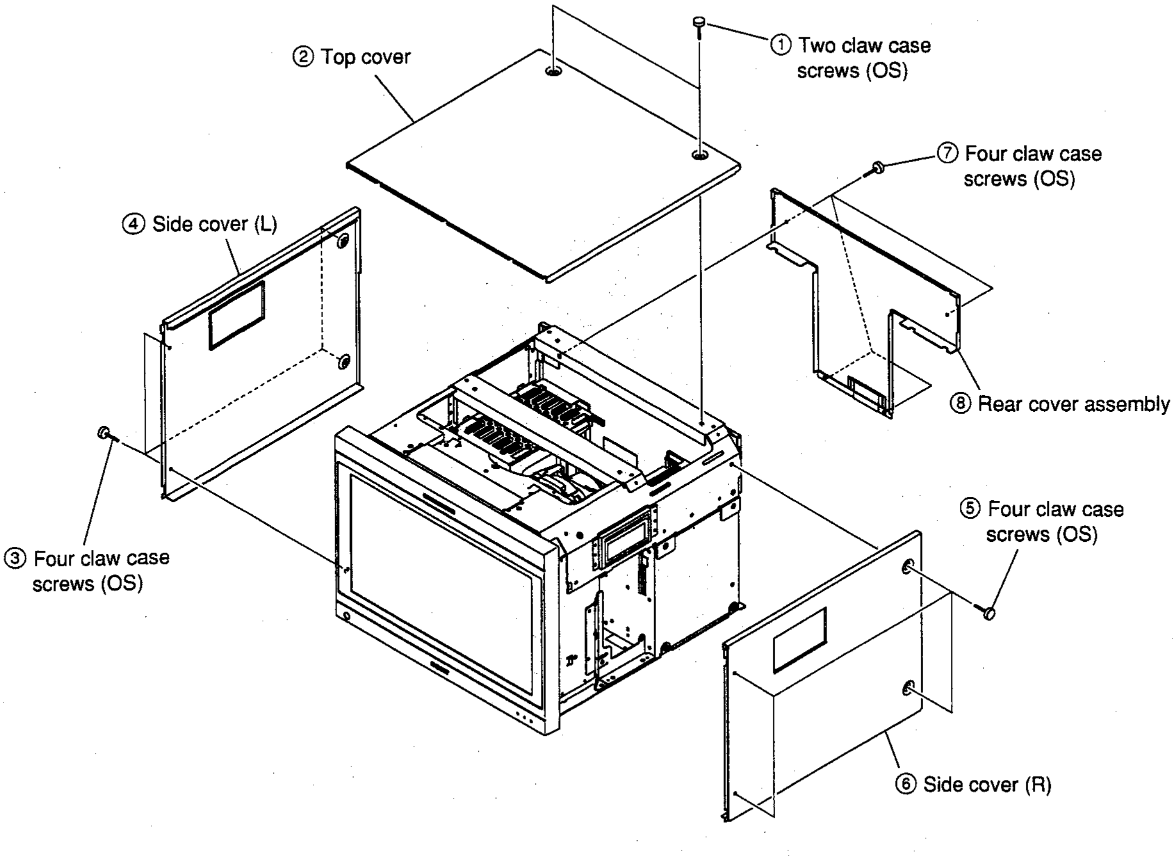
⑩ Before checking each board, put the spacer under the attached board to fix the board.

⑪ Install the G board to the Z board.

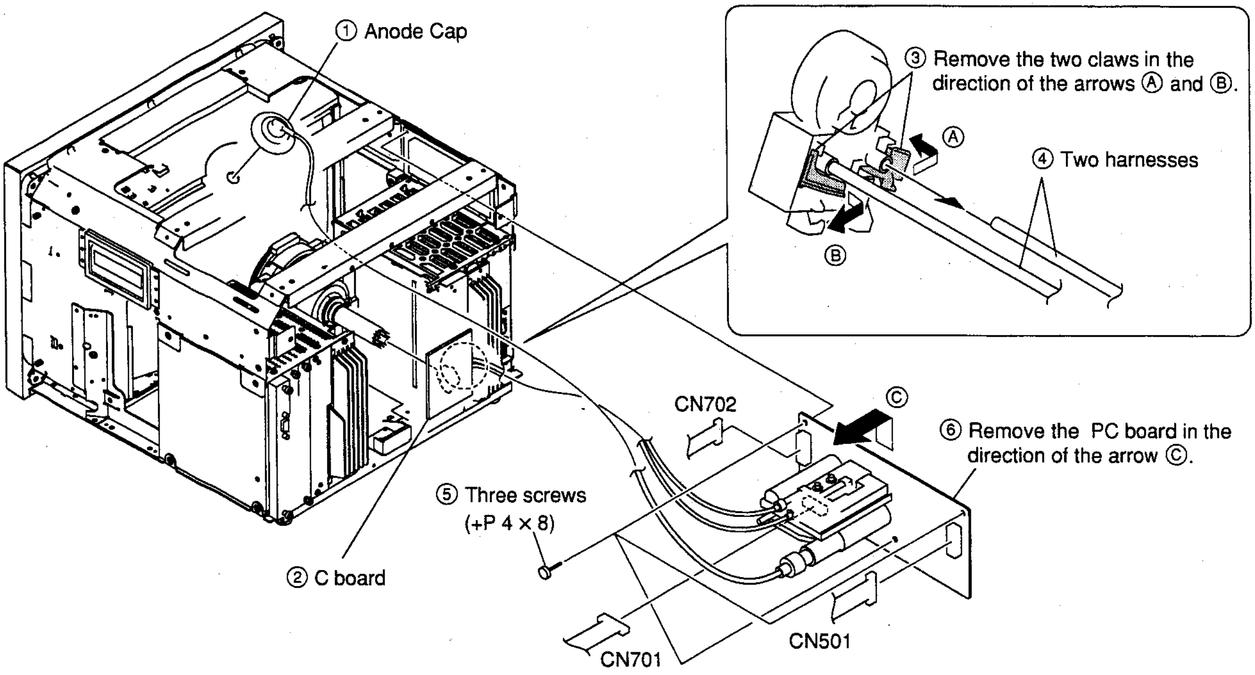
1-6-11. TA Board (24 Inch)


② TA board
① Six screws (+PSW 3 × 8)
CN109
CN110
CN111
CN112
CN114
CN106
CN107

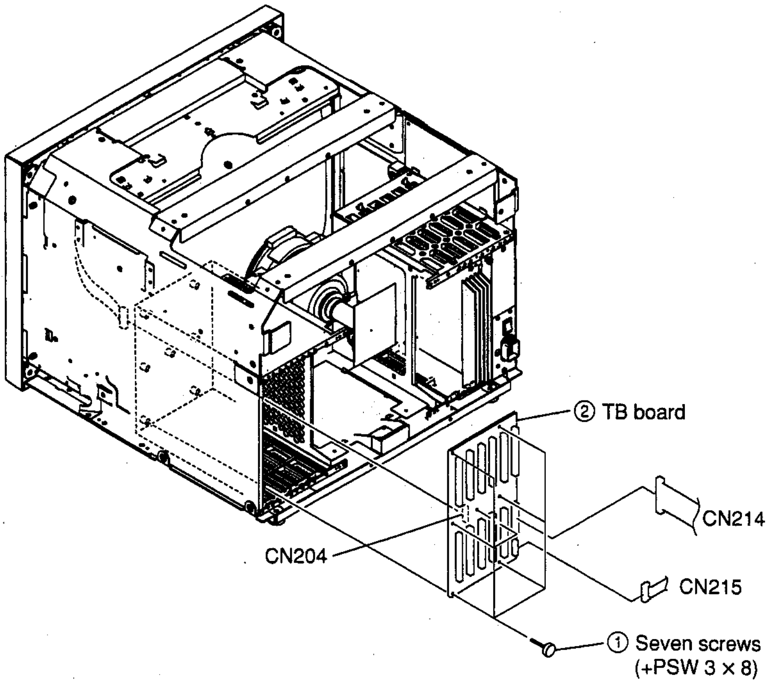
1-6-12. Cover (24 Inch)


② Top cover
① Two claw case screws (OS)
⑦ Four claw case screws (OS)
④ Side cover (L)
⑧ Rear cover assembly
⑤ Four claw case screws (OS)
③ Four claw case screws (OS)
⑥ Side cover (R)

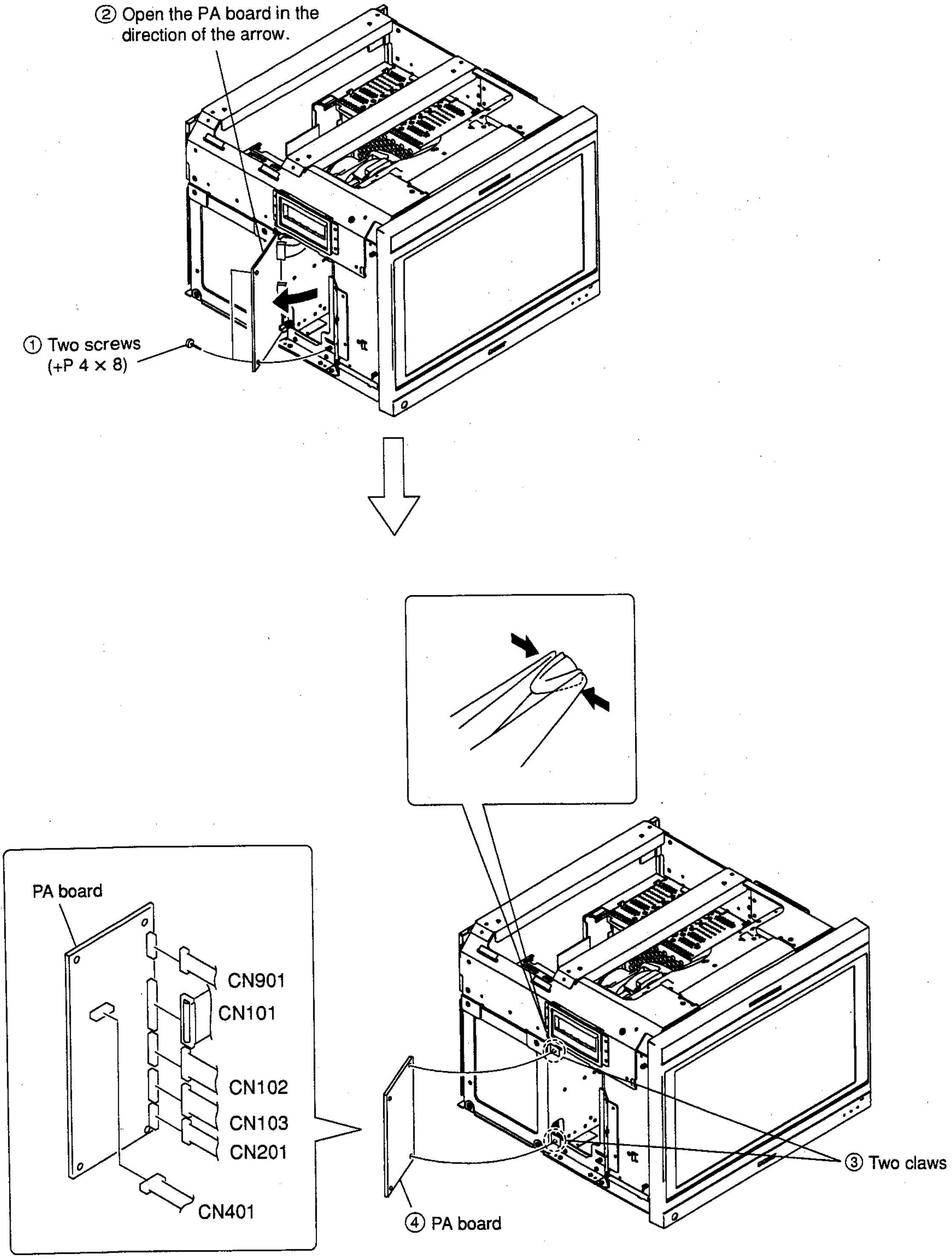
1-6-13. PC Board (24 Inch)


① Anode Cap
③ Remove the two claws in the direction of the arrows Ⓐ and Ⓑ.
Ⓐ
④ Two harnesses
Ⓑ
Ⓒ
CN702
⑥ Remove the PC board in the direction of the arrow Ⓒ.
⑤ Three screws (+P 4 × 8)
② C board
CN501
CN701

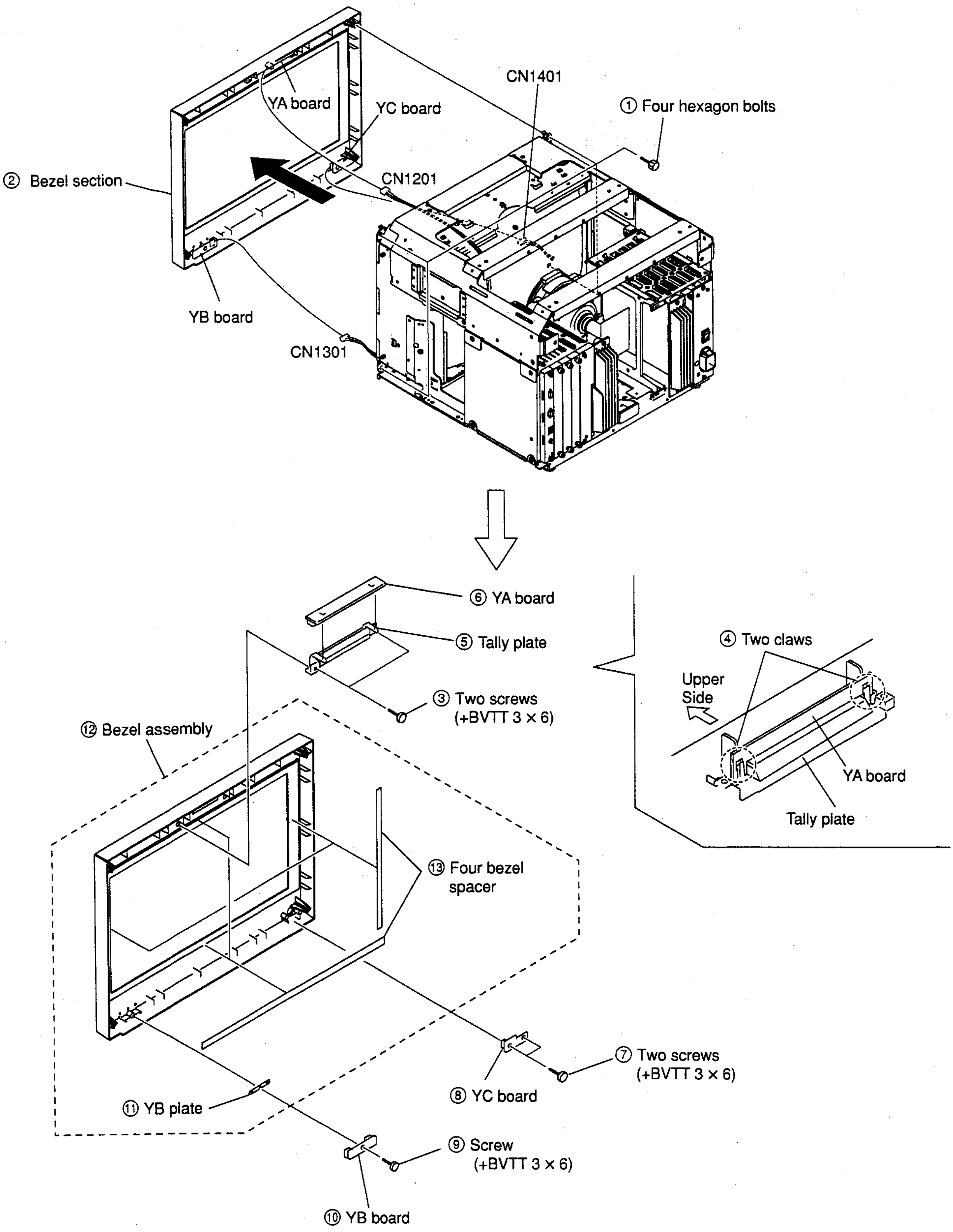
1-6-14. TB Board (24 Inch)


② TB board
CN214
CN204
CN215
① Seven screws (+PSW 3 × 8)

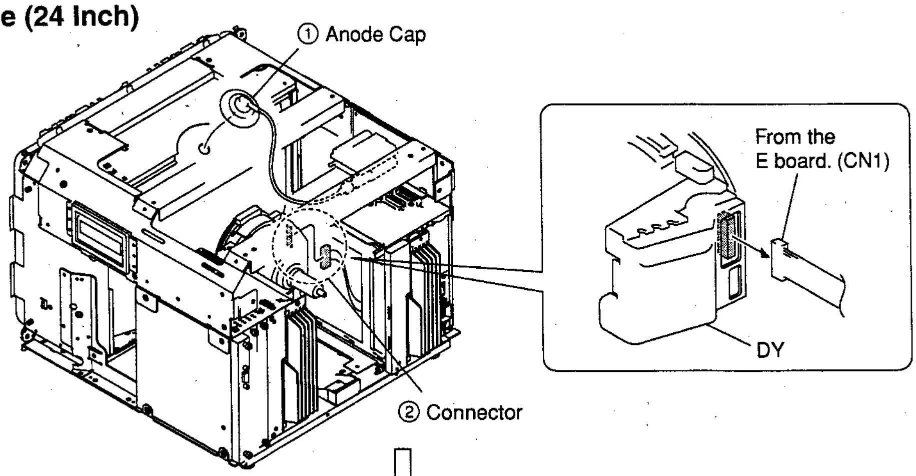
1-6-15. PA Board (24 Inch)

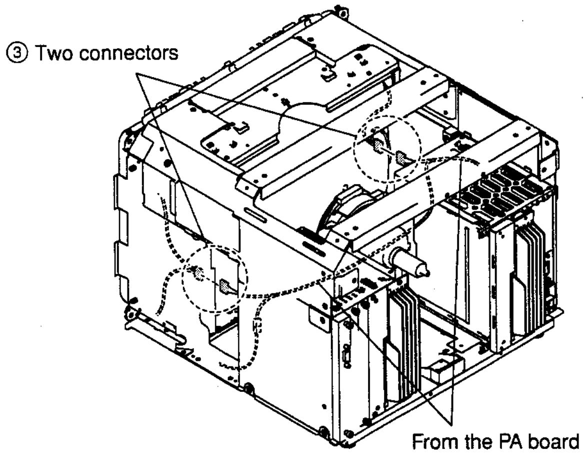

② Open the PA board in the direction of the arrow.
① Two screws (+P 4 × 8)
PA board
CN901
CN101
CN102
CN103
CN201
CN401
③ Two claws
④ PA board

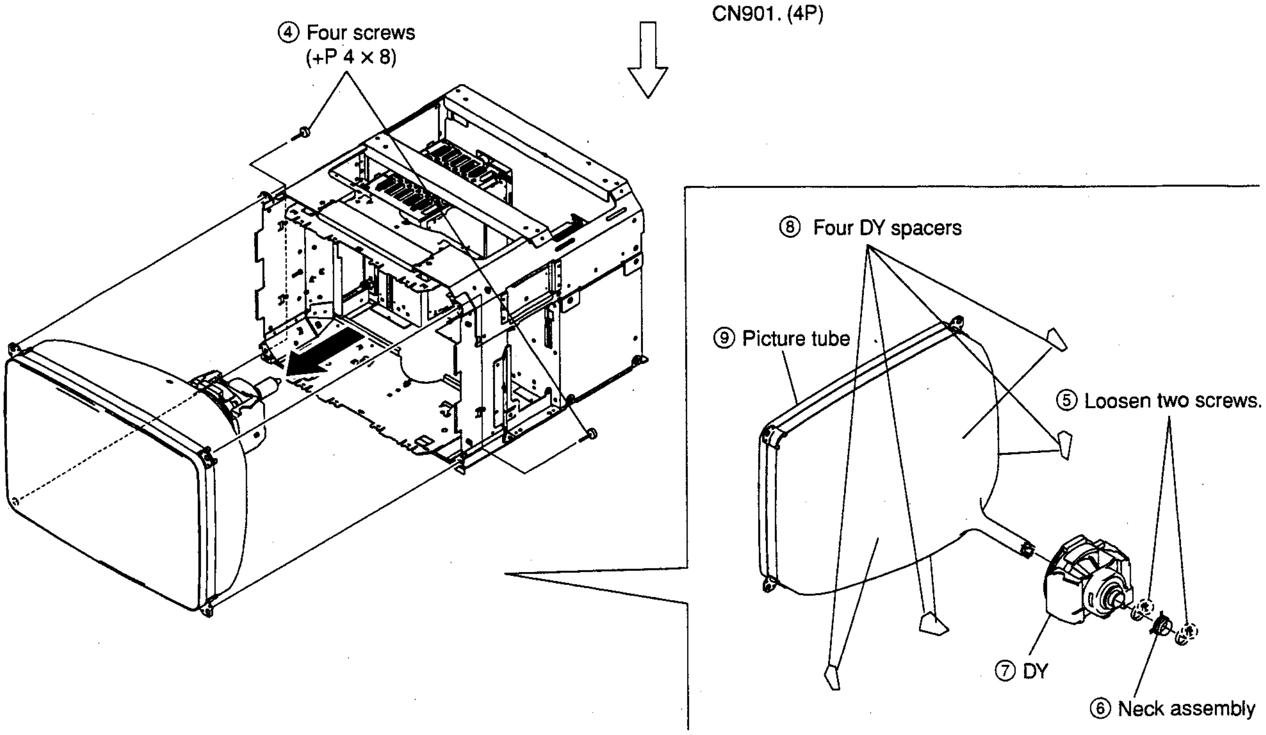
1-6-16. Bezel Assembly (24 Inch)


CN1401
YA board
YC board
① Four hexagon bolts
② Bezel section
CN1201
YB board
CN1301
⑥ YA board
⑤ Tally plate
④ Two claws
Upper Side
③ Two screws (+BVTT 3 x 6)
⑫ Bezel assembly
YA board
Tally plate
⑬ Four bezel spacer
⑦ Two screws (+BVTT 3 x 6)
⑪ YB plate
⑧ YC board
⑨ Screw (+BVTT 3 x 6)
⑩ YB board

1-6-17. Picture Tube (24 inch)


① Anode Cap
From the
E board. (CN1)
DY
② Connector


③ Two connectors
From the PA board
CN901. (4P)

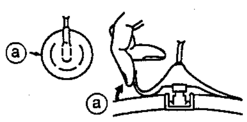

④ Four screws
(+P 4 × 8)
⑧ Four DY spacers
⑨ Picture tube
⑤ Loosen two screws.
⑦ DY
⑥ Neck assembly

1-6-18. Anode Cap

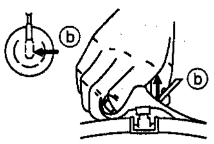
Note

Short-circuit the anode of the CRT and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

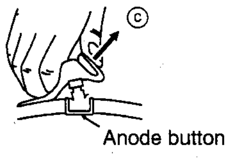
• Removal Procedure



(1) Turn up one side of the rubber cap in the direction indicated by arrow ⓐ.



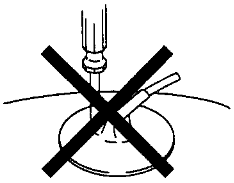
(2) Using a thumb, pull up the rubber cap firmly in the direction indicated by arrow ⓑ.

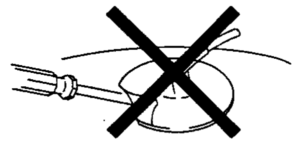


(3) When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ⓒ.

• Handling Precautions

(1) Do not scratch the surface of anode cap with a sharp object.
(2) Do not press the rubber so hard that it damages the inside of anode caps. A shatter-hook terminal is built into the rubber.
(3) Do not turn the foot of the rubber over.
The shatter-hook terminal will stick out or damage the rubber.





1-7. Writing and Rewriting PLD Internal Data

The BVM-A20/A24 is equipped with a PLD (Programmable Logic Device) which can be written and rewritten using the e-Production (EPR) method.
When replacing the following parts or upgrading the PLD version, contact your local Sony Sales Office/Service Center.

Note

The part number of the PLD (or the ROM for the PLD) presented in "Spare Parts" is that of the part with no data written.
When you need to replace any part, write data in the steps on the right.
For the PLD whose program operates on the externally connected ROM, when a part in the PLD is defective, if you replace only the defective part, you do not have to rewrite the data.

About e-Production

- When writing or rewriting the PLD internal data,
  1. standard tools (cables) can be used.
  2. standard software (PLD Download Tool) can be used.
- The PLD internal data is managed on the Sony database server as a Project file (E_xxx_xxx_xx_xx).
- Standard connector (EPR connector) for writing PLD internal data on the board is equipped. "EPR" is displayed on the board.

Corresponding PLDs:

Name of board PLD/ROM	EPR connector	Project file No.
BC IC150, IC168, IC301[*1]	CN151	E_000_002_99_01
BK IC042, IC741[*2], IC907[*2]	CN040	E_000_002_90_03
EA IC308[*3], IC400	CN400	E_000_002_96_01

*1: IC301/BC is a ROM for IC300/BC.
*2: IC741,IC907/BK is a ROM for IC703, IC902/BK.
*3: IC308/EA is a ROM for IC301/EA.

Devices to be used

- PLD download tool (Sony part NO.: J-7120-140-A)
  Cable to connect PC and the BVM-A20/A24.
- PC
  The one with a parallel port
  The one on which the PLD Download Tool is installed.
  For the supported OS and operating environment, refer to "Download Tool Operating Instruction for Device Programming".

Operation procedure

The procedure to write data to the PLD (or the ROM for the PLD) is outlined below.
For details on these steps, refer to "Download Tool Operating Instruction for Device Programming".
"Download Tool Operating Instruction for Device Programming" can be obtained on the same Web site where the PLD Download Tool software is downloaded.

Step 1. Prepare the Project file.

Note

Download the Project file from the Sony database server.

Step 2. With the power of the monitor turned off, connect the parallel port on the PC and the EPR connector on the target board with the PLD download tool (cable).

Step 3. Turn on the power of the monitor.
Launch the PLD Download Tool software, and import the Project file.

Step 4. Program the PLD (or the ROM for the PLD) by using the PLD Download Tool software.

Step 5. When the programming completes correctly (without an error message), restart the monitor.

Note

When the target board is extended with the Z board (extension board), be sure to remove the four short pins of connector CN106 on the Z board to make it open. Otherwise, an error may occur while writing the data.
Connector CN106 on the Z board can also be used as the EPR connector.

Section 2
Setup Adjustment

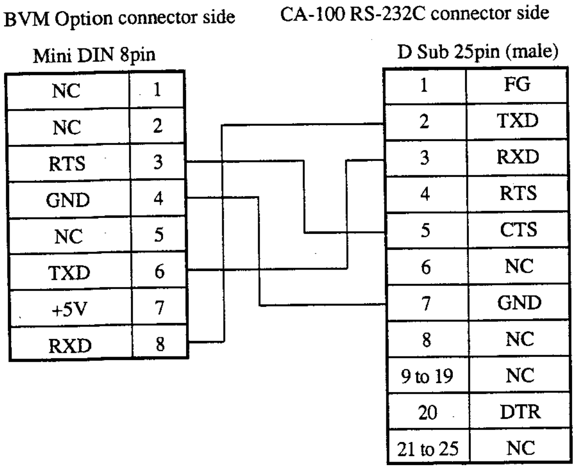
2-1. Setup Adjustment When CRT is Replaced

This section describes adjustments to be performed when the CRT has been replaced.

[Preparations]

- Required tools and measuring instruments

1. YPBPR signal generator
   - 1080/60i (1125) : SMPTE274M standard or BTA S-001 standard
   - 1035/60i (1125) : BTA S-001 standard
   - 1080/60i (1125) : SMPTE274M standard or BTA S-001 standard
   - 720/60p : SMPTE 296M standard
   - 720/50p : SMPTE 296M standard
   - 480/60p (525P) : SMPTE293M standard
   - 576/50p (625P) : SMPTE293M standard
   - 480/60i (525) : ITU601 standard
   - 575/50i (625) : ITU1358 standard
   - 1080/48i (1125) : SMPTE RP211
2. BKM-68X (analog component input adaptor)
3. Oscilloscope
   Tektronix 2465 or equivalent (that of 350-MHz band)
4. Color analyzer (Minolta CA-100)
5. Cables of the following specifications for connecting the CA-100 RS-232C terminal and OPTION terminal of the monitor.

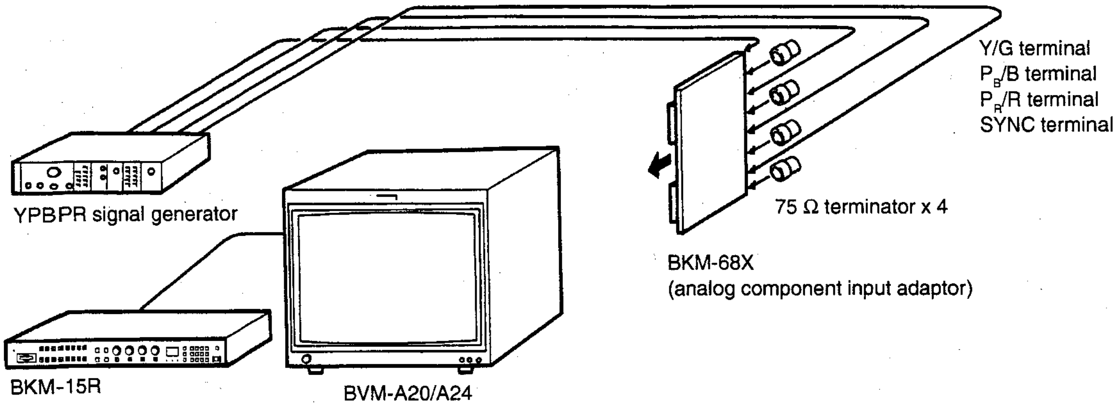

BVM Option connector side
Mini DIN 8pin
NC 1
NC 2
RTS 3
GND 4
NC 5
TXD 6
+5V 7
RXD 8
CA-100 RS-232C connector side
D Sub 25pin (male)
1 FG
2 TXD
3 RXD
4 RTS
5 CTS
6 NC
7 GND
8 NC
9 to 19 NC
20 DTR
21 to 25 NC

- Setting the INPUT CONFIGURATION Menu

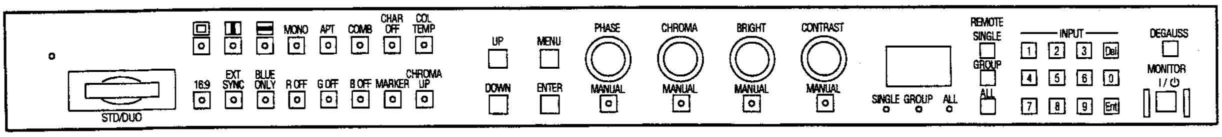
Unless specified otherwise, set the INPUT CONFIGURATION menu of the SETUP menu as follows.

FORMAT.............................. COMPONENT
SLOT No. .... (Anywhere is OK)
SCREEN ASPECT ....
SCAN SIZE .... NORMAL
SYNC MODE .... INT
COLOR TEMP .... As desired
PICTURE PRESET .... PRESET 1
APERTURE.......................... OFF
H PHASE.............................. 000

- **Connection Diagram**


Y/G terminal
P_B/B terminal
P_R/R terminal
SYNC terminal
75 Ω terminator x 4
YPBPR signal generator
BKM-68X
(analog component input adaptor)
BKM-15R
BVM-A20/A24

BKM-15R Control Panel

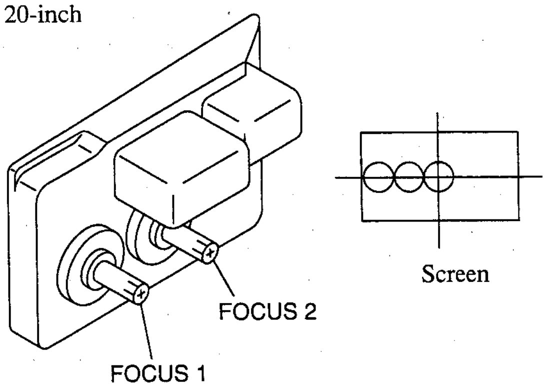

MONO
APT
COMB
CHAR OFF
COL TEMP
16:9
EXT SYNC
BLUE ONLY
R OFF
G OFF
B OFF
MARKER
CHROMA UP
STD/DUO
UP
MENU
DOWN
ENTER
PHASE
CHROMA
BRIGHT
CONTRAST
MANUAL
MANUAL
MANUAL
MANUAL
SINGLE
GROUP
ALL
REMOTE
SINGLE
GROUP
ALL
INPUT
1
2
3
Del
4
5
6
0
7
8
9
Ent
DEGAUSS
MONITOR
I / ⏻

[Focus Adjustment]

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor). (20-inch)
   Input the MODE1 1080/60i cross-hatch signal. (24-inch)
2. Press the 16 : 9 button to set 4 : 3 mode (20-inch)/16 : 9 mode (24-inch).
3. Adjust the focus at the center of the screen to be optimal using focus 1/F2 (vertical focus adjustment) and focus 2/F1 (horizontal focus adjustment) shown in Fig. 1 while balancing the three points at the left.
4. While the best focus is maintained by Focus 2 (focus tracking), the horizontal resolution better than the specifications must be visually recognized.
   20-inch : 900 TV lines or more
   24-inch : 1000 TV lines or more
5. Input the cross-hatch signal or monoscope signal for each mode in the table, and check the H/V corner focus. If the focus is off, adjust the following items located in SYSTEM CONFIGURATION menu → MAINTENANCE menu → DEFLECTION menu (5/5).
   DF_SIDE
   DF_SIDE_PHASE
   DF_TOP
   DF_BOTTOM
6. Adjust the DF data in the same way in the following modes.

MODE 1	1080/60i (33kHz)	16:9	NORMAL SCAN
MODE 2		16:9	UNDER SCAN
MODE 3	1035/60i (33kHz)	16:9	NORMAL SCAN
MODE 4		16:9	UNDER SCAN
MODE 5	720/60P (45kHz)	16:9	NORMAL SCAN
MODE 6		16:9	UNDER SCAN
MODE 7	480/60P (31kHz)	16:9	NORMAL SCAN
MODE 8		16:9	UNDER SCAN
MODE 9		4:3	NORMAL SCAN
MODE 10		4:3	UNDER SCAN
MODE 11	480/60i (15kHz)	16:9	NORMAL SCAN
MODE 12		16:9	UNDER SCAN
MODE 13		4:3	NORMAL SCAN
MODE 14		4:3	UNDER SCAN
MODE 15	1080/48i (27kHz)	16:9	NORMAL SCAN
MODE 16		16:9	UNDER SCAN
MODE 17	1080/50i (28kHz)	16:9	NORMAL SCAN
MODE 18		16:9	UNDER SCAN
MODE 19	720/50P (37kHz)	16:9	NORMAL SCAN
MODE 20		16:9	UNDER SCAN
MODE 21	575/50P (31kHz)	16:9	NORMAL SCAN
MODE 22		16:9	UNDER SCAN
MODE 23		4:3	NORMAL SCAN
MODE 24		4:3	UNDER SCAN
MODE 25	575/50i (15kHz)	16:9	NORMAL SCAN
MODE 26		16:9	UNDER SCAN
MODE 27		4:3	NORMAL SCAN
MODE 28		4:3	UNDER SCAN

20-inch



24-inch

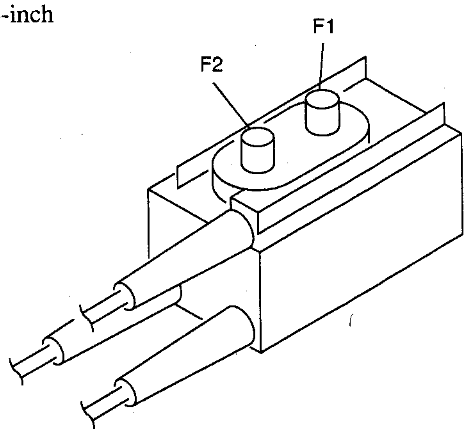


Fig. 1-1

[Landing Adjustment]

Note

Configure the following settings before adjusting the DY position:

ROTATION 128
LANDING 128 (20-inch)
LCC SW .... OFF (0) (24-inch)

ROTATION, LANDING, and LCC SW are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (5/5).

1. Input the MODE9 480/60p (525p) all white signal to the BKM-68X (analog component input adaptor). (20-inch)
   Input the MODE1 1080/60i all white signal. (24-inch)
2. Press the BRIGHT button and CONTRAST button to set both into the PRESET state. [The LED (green) on the button goes off.
   Press the 16 : 9 button to set 4 : 3 mode (20-inch)/16 : 9 mode (24-inch).
3. Allow the aging of 30 to 60 minutes with luminance of 100 cd/m^2.
4. Confirm that ROTATION remains in the center value 128 using the ALIGNMENT menu of the INSTALLATION SETTINGS menu.
5. Direct the CRT screen in the direction of east (or west). Press the DEGAUSS button.
6. Set the Purity knob in its mechanical center.

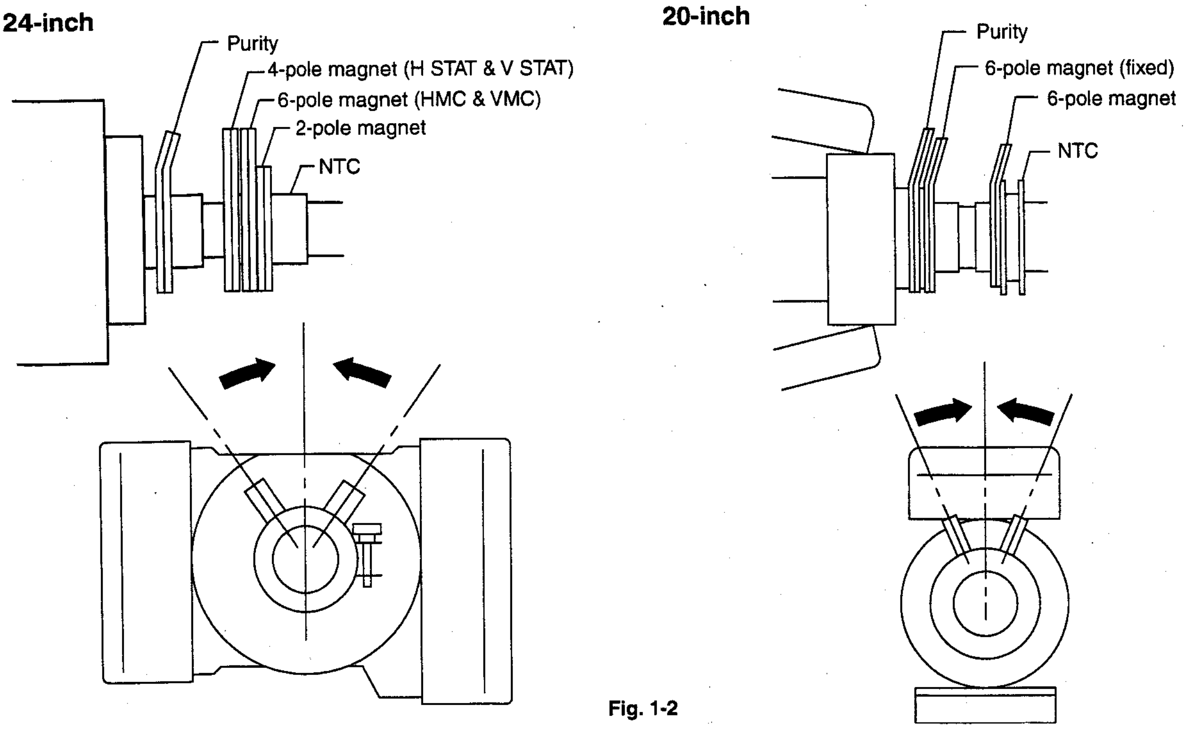

24-inch
Purity
4-pole magnet (H STAT & V STAT)
6-pole magnet (HMC & VMC)
2-pole magnet
NTC
20-inch
Purity
6-pole magnet (fixed)
6-pole magnet
NTC

Fig. 1-2

7. Push the DY to the front as much as possible.
8. Fix the neck assembly at the position shown in Fig. 1-3.

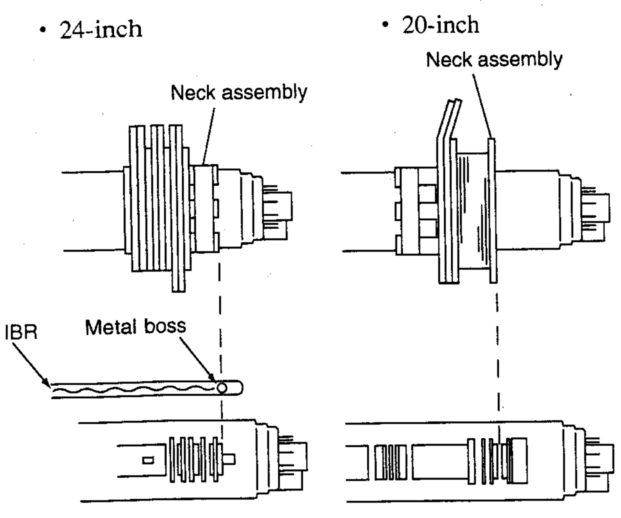

• 24-inch
• 20-inch
Neck assembly
Neck assembly
IBR
Metal boss

Fig. 1-3

9. Adjust the screen to green color only. Turn on the R OFF button and the B OFF button. (LED lights up)].
10. Adjust the Purity knob so that green comes to the center of screen as shown in Fig. 1-4.

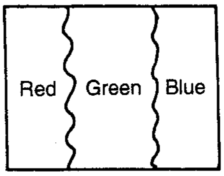

Red
Green
Blue

Fig. 1-4

11. Move the DY back until the whole screen becomes green only.
12. Adjust the DY tilt using the cross-hatch signal, and tighten the DY tightening screw.
13. Adjust the up/down DY twist adjustment in vertical direction while observing the vertical pin cushion signal.
14. Adjust the DY neck twist adjustment in horizontal direction while observing the horizontal trapezoidal signal.
    (The adjustment sensitivity for the horizontal trapezoidal signal is very poor. Be careful not to adjust the DY inclination too excessively so as to adversely affect the convergence.)
15. Fix the deflection yoke using the four DY spacers. (Confirm DY inclination and the DY position in the front and rear directions.)

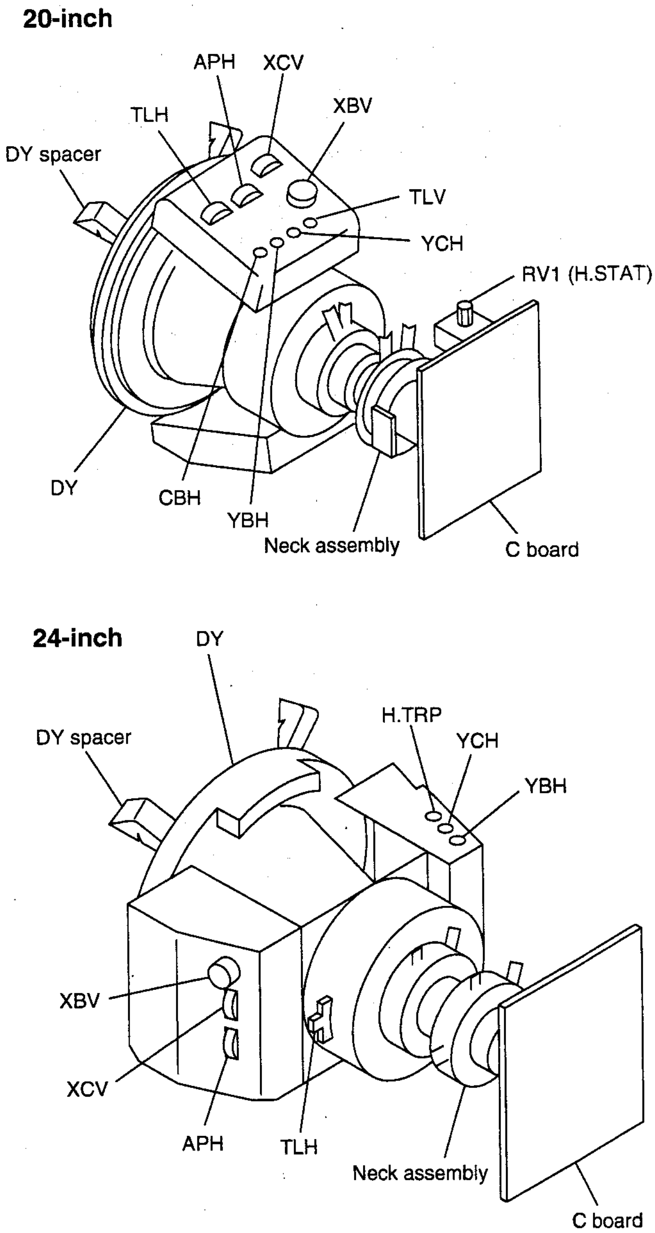

20-inch
APH
XCV
TLH
XBV
DY spacer
TLV
YCH
RV1 (H.STAT)
DY
CBH
YBH
Neck assembly
C board
24-inch
DY
H.TRP
DY spacer
YCH
YBH
XBV
XCV
APH
TLH
Neck assembly
C board

Fig. 1-5

- Final check

  After the adjustment is complete, confirm that the landing error does not occur even the BVM monitor is directed in all directions of east, west, north and south. Return the LCC to the ON position.

16. LCC adjustment (24-inch only)

(1) Check in which direction the CRT screen is directed. Adjust the direction using “DIRECTION”.

(2) Adjust the landing at all four corners with LCC. (LANDING ADJUST)

(3) When you switch the signal to RGB, if the corner chromatic purity is low with a single or double colors, move “TOP LEFT”, “TOP RIGHT”, “BOTTOM LEFT” or “BOTTOM RIGHT” to adjust the corner landing.

When the adjustment is complete, save the adjustment data and fix the purity magnet with white paint.

The item above is located in the level under the INSTALLATION SETTINGS menu → the LANDING ADJUST menu → the MANUAL ADJUST menu.

Note

Use the Auto Setup Probe (BKM-14L) as much as possible and perform the automatic adjustment.

[H Blanking Adjustment] (UNDER SCAN)

Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5).

H BLK LEFT
H BLK RIGHT
H CENTER
H PHASE
H SIZE SW
H SIZE

- 1080/60i (33 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 UNDER SCAN.
2. Input the MODE1 1080/60i (1125) cross-hatch signal.
3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
4. Adjust the BRIGHT of BKM-15R to the maximum.
5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed. (Adjust A and A' in Fig. 1-6 to about 10 mm.)
6. Adjust the H. CENTER data so that the raster area comes to the center of the effective screen (so that A and A' are almost equal). (Fig.1-6)
   When this adjustment is complete, take note of the H. CENTER adjustment data.
7. Adjust the H. PHASE data so that the signal area comes to the center of the raster area (so that B and B' are almost equal). (Fig.1-6)
   When this adjustment is complete, take note of the H. PHASE data.
8. Adjust the H BLK LEFT data so that the left edge of the raster area comes 2.5 mm (20-inch) or 3 mm (24-inch) outside from the left edge of the crosshatch signal area (Fig. 1-7).
   When this adjustment is complete, take note of the H. BLK. LEFT adjustment data.
9. Adjust the H BLK RIGHT data so that the right edge of the raster area comes 2.5 mm (20-inch) or 3 mm (24-inch) outside from the right edge of the crosshatch signal area (Fig. 1-7).
   When this adjustment is complete, take note of the H. BLK. RIGHT adjustment data.
10. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
11. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 10.
12. Set BRIGHT to the normal position.
13. H CENTER
    H PHASE
    H BLK LEFT
    H BLK RIGHT
    Copy the above-described data to the following modes.

MODE4	1035/60i (33kHz)	16:9	UNDER SCAN

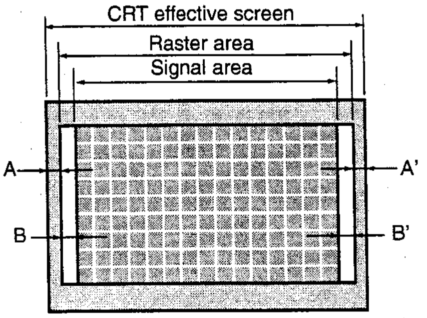


Fig. 1-6

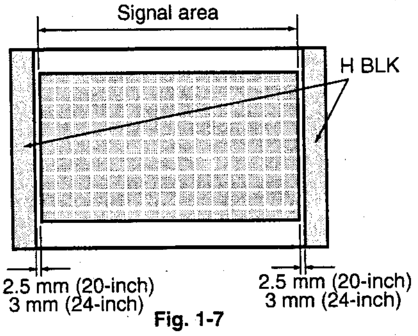


Fig. 1-7

- 720/60p (45 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 UNDER SCAN.
2. Connect the MODE5 720/60P cross-hatch signal to the input.
3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
4. Adjust the BRIGHT of BKM-15R to the maximum.
5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed.
6. Adjust the H. PHASE data so that the signal area comes to the center of the effective screen (so that B and B' are almost equal). (Fig.1-6)
   When this adjustment is complete, take note of the H. PHASE data.
7. Adjust the H BLK LEFT data so that the left edge of the raster area comes 6 mm (20-inch) or 7 mm (24-inch) outside from the left edge of the crosshatch signal area (Fig. 1-7).
   When this adjustment is complete, take note of the H. BLK. LEFT adjustment data.
8. Adjust the H BLK RIGHT data so that the right edge of the raster area comes 6 mm (20-inch) or 7 mm (24-inch) outside from the right edge of the crosshatch signal area (Fig. 1-7).
   When this adjustment is complete, take note of the H. BLK. RIGHT adjustment data.
9. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
10. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 9.
11. Set BRIGHT to the normal position.

- 480/60p (31 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE10	480/60p (31kHz)	4:3	UNDER SCAN

- 480/60i (15 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE14	480/60i (15kHz)	4:3	UNDER SCAN

- 576/50p (31 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE24	576/50p (31kHz)	4:3	UNDER SCAN

- 575/50i (15 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE28	575/50i (15kHz)	4:3	UNDER SCAN

- 720/60p (45 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 720/50p (37 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/48i (27 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.

- 1080/50i (28 kHz) 16:9 UNDER SCAN mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 in the 1080/60i (33 kHz) 16:9 UNDER SCAN mode.

[H Blanking Adjustment] (NORMAL SCAN)

Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5).

H BLK LEFT
H BLK RIGHT
H CENTER
H PHASE
H SIZE SW
H SIZE

- 1080/60i (33 kHz) 16:9 NORMAL mode H blanking adjustment

1. Press the UNDER SCAN button on the front side of the BKM-15R to set 16:9 NORMAL SCAN.
2. Input the MODE1 1080/60i (1125) cross-hatch signal.
3. Adjust the H. BLK. LEFT data and the H. BLK. RIGHT data to the minimum (0).
4. Adjust the BRIGHT of BKM-15R to the maximum.
5. Turn the H SIZE SW in the menu to ON. Adjust H SIZE so that the right and left sides of the raster can be completely displayed. (Adjust A and A' in Fig. 1-6 to about 10 mm.))
6. Adjust the H. CENTER data so that the raster area comes to the center of the effective screen (so that A and A' are almost equal). (Fig. 1-6)
   When this adjustment is complete, take note of the H. CENTER adjustment data.
7. Adjust the H. PHASE data so that the signal area comes to the center of the raster area (so that B and B' are almost equal). (Fig. 1-6)
   When this adjustment is complete, take note of the H. PHASE data.
8. Set the H SIZE SW in the menu to OFF, and return the H SIZE to the original value.
9. Adjust the H BLK LEFT data so that the left edge of the raster area comes outside of the left edge of the cross-hatch signal area just before the effective screen. Write the data calculated by subtracting ten steps from that register to H BLK LEFT.
10. Adjust the H BLK RIGHT data so that the right edge of the raster area comes outside of the right edge of the cross-hatch signal area just before the effective screen. Write the data calculated by subtracting ten steps from that register to H BLK RIGHT.
11. Check the center of the image (image phase). If it is misaligned, repeat steps 5 to 10.
12. H CENTER
    H PHASE
    H BLK LEFT
    H BLK RIGHT
    Copy the above-described data to the following modes.
13. Set BRIGHT to the normal position.

MODE3	1035/60i (33kHz)	16:9	NORMAL

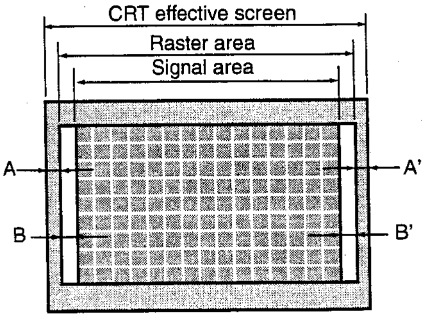


Fig. 1-6

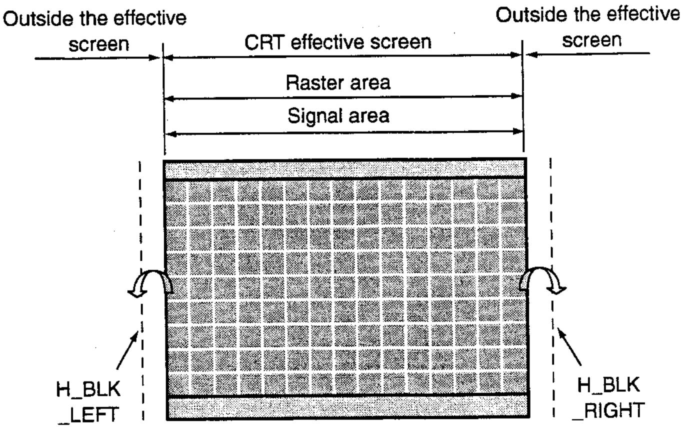


Fig. 1-7

- 480/60P (31 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE10	480/60P (31kHz)	4:3	NORMAL

- 480/60i (15 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE13	480/60i (15kHz)	16:9	NORMAL

- 576/50p (31 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE23	576/50p (31kHz)	16:9	NORMAL

- 575/50i (15kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.
2. H CENTER
   H PHASE
   H BLK LEFT
   H BLK RIGHT
   Copy the above-described data to the following modes.

MODE27	575/50i (15kHz)	16:9	NORMAL

- 720/60p (45 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 720/50p (37 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/48i (27 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

- 1080/50i (28 kHz) 16:9 NORMAL mode H blanking adjustment

1. Adjust the H. CENTER, H. PHASE, H. BLK. LEFT and H. BLK. RIGHT data in the same manner as steps 3 to 11 of the 1080/60i (33 kHz) 16:9 NORMAL mode.

[Linearity Adjustment]

Note

The following adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5) (2/5) (3/5).

H SIZE
H CENTER
H PHASE
V SIZE
V CENTER
H LIN BAL
H LIN TOP
H LIN BOTTOM
V LIN AMP
V LIN BAL
H PIN
H PIN BAL
H KEY
H KEY BAL
H CORNER PIN
H CORNER S

1. Input the MODE1 1080/60i (1125) cross-hatch signal.
2. Set SCREEN MODE to 16:9 NORM.
3. Confirm that there exists no DY inclination, no V PIN cushion distortion in the top and bottom and no horizontal trapezoidal distortions on screen.

DY inclination	: Adjust the DY inclination
V PIN cushion distortion in the top and bottom	: DY up/down neck twist
Horizontal trapezoidal distortion	: Adjust with H.TRP VR of DY. (24-inch) : Adjust with TLV VR of DY. (20-inch) (If they are adjusted extremely, the convergence can be adversely affected. In such a case, select the green single color for this adjustment.)

4. Input the MODE1 1080/60i (1125) monoscope signal.
5. Adjust the H CENTER data and adjust the horizontal center of the image.
6. Adjust the V CENTER data and adjust the vertical center of the image.
7. Input the MODE1 1080/60i (1125) cross-hatch signal.
8. Adjust the H SIZE, H LIN BAL, H LIN TOP, and H LIN BOTTOM data as shown in Fig. 1-8. (Set the same value for H LIN TOP and H LIN BOTTOM.)

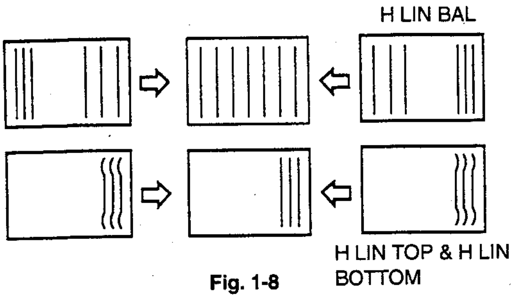


Fig. 1-8

9. Adjust the V SIZE, V LIN AMP, and V LIN BAL data as shown in Fig. 1-9.

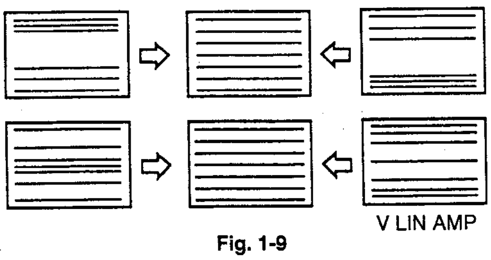


Fig. 1-9

10. Adjust the H PIN and H PIN BAL data so that the trapezoid distortion and PIN distortion at the side disappear as shown in Fig. 1-10.
11. Adjust the H KEY and H KEY BAL data as shown in Fig. 1-11.
12. Repeat the above adjustments and optimize the horizontal and vertical linearity.
13. Change the SCREEN MODE for the following modes as well, and perform adjustments in the same way.

MODE 2	1080/60i (33kHz)	16:9	UNDER SCAN
MODE 3	1035/60i (33kHz)	16:9	NORMAL SCAN
MODE 4		16:9	UNDER SCAN
MODE 5	720/60P (45kHz)	16:9	NORMAL SCAN
MODE 6		16:9	UNDER SCAN
MODE 7	480/60P (31kHz)	16:9	NORMAL SCAN
MODE 8		16:9	UNDER SCAN
MODE 9		4:3	NORMAL SCAN
MODE 10		4:3	UNDER SCAN
MODE 11	480/60i (15kHz)	16:9	NORMAL SCAN
MODE 12		16:9	UNDER SCAN
MODE 13		4:3	NORMAL SCAN
MODE 14		4:3	UNDER SCAN
MODE 15	1080/48i (27kHz)	16:9	NORMAL SCAN
MODE 16		16:9	UNDER SCAN
MODE 17	1080/50i (28kHz)	16:9	NORMAL SCAN
MODE 18		16:9	UNDER SCAN
MODE 19	720/50P (37kHz)	16:9	NORMAL SCAN
MODE 20		16:9	UNDER SCAN
MODE 21	575/50P (31kHz)	16:9	NORMAL SCAN
MODE 22		16:9	UNDER SCAN
MODE 23		4:3	NORMAL SCAN
MODE 24		4:3	UNDER SCAN
MODE 25	575/50i (15kHz)	16:9	NORMAL SCAN
MODE 26		16:9	UNDER SCAN
MODE 27		4:3	NORMAL SCAN
MODE 28		4:3	UNDER SCAN

- Common items for modes
  DY inclination
  Up/down V PIN distortion
  Horizontal trapezoidal distortion

- Items differing between modes
    - H SIZE
    - H CENTER
    - H PHASE
    - V SIZE
    - V CENTER
    - H LIN BAL
    - H LIN TOP
    - H LIN BOTTOM
    - V LIN AMP
    - V LIN BAL
    - H PIN
    - H PIN BAL
    - H KEY
    - H KEY BAL
    - H CORNER S

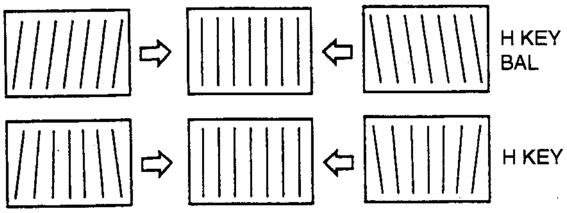

H KEY
BAL
H KEY

Fig. 1-10

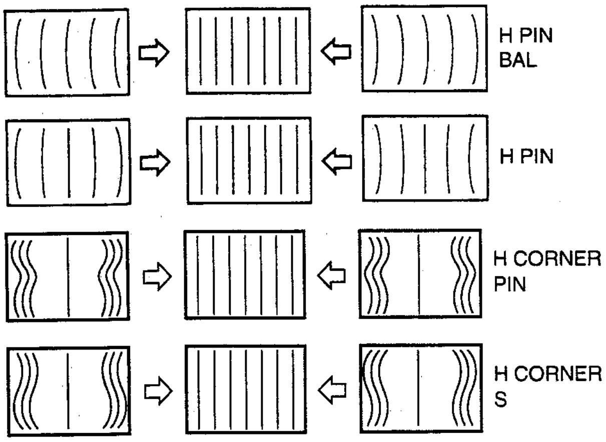
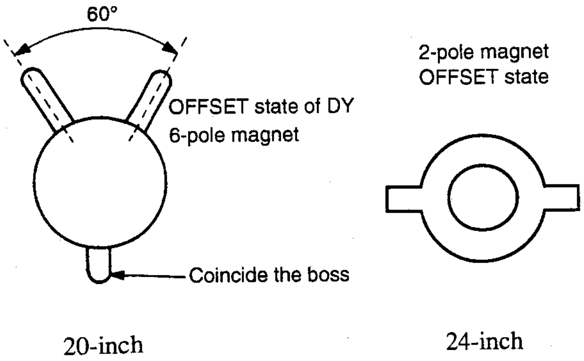

H PIN
BAL
H PIN
H CORNER
PIN
H CORNER
S

Fig. 1-11

[Convergence Adjustment]

- Preparation

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor). (20-inch)
   Input the MODE1 1080/60i (1125) cross-hatch signal. (24-inch)
2. Press the 16:9 button of FUNCTION button with SHIFT button pushed to set 4 : 3 mode (20-inch) /16 : 9 mode (24-inch).
3. Set the 6-pole magnet of the DY to the OFFSET state in the case of 20-inch monitor.
   In the case of the 24-inch monitor, set the 2-pole magnet of the neck assembly to the OFFSET state.


60°
OFFSET state of DY
6-pole magnet
Coincide the boss
2-pole magnet
OFFSET state

20-inch 24-inch

Fig. 1-12

4. Confirm that the following data is in the pre-set value (128).
   V CONV TOP
   V STATIC CONV
   V CONV BOTTOM
   H STATIC CONV

Note

These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

- HMC and VMC correction by the 6-pole magnet

1. HMC (horizontal mis-convergence) correction by the 6-pole magnet and electronic beam movement.

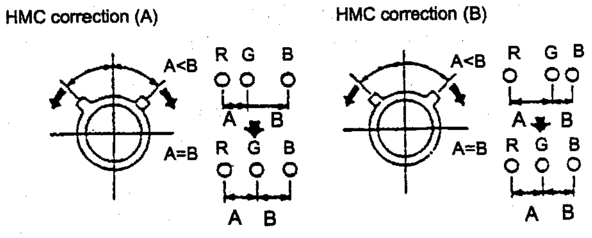

HMC correction (A)
HMC correction (B)
A<B
R G B
A B
A=B
R G B
A B
A<B
R G B
A B
A=B
R G B
A B

Fig. 1-13

2. Correction of 6-pole magnet VMC (vertical mis-convergence) and of electronic beam movement.

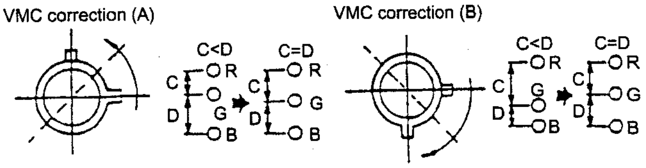
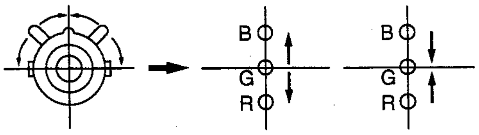

VMC correction (A)
VMC correction (B)
C<D
C=D
C
D
R
G
B
C<D
C=D
C
D
R
G
B

Fig. 1-14

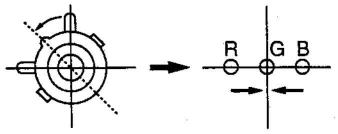
- H.STAT and V.STAT adjustment method using 4-pole magnet (24-inch)

1. Movement of red, green and blue dots when vertical static convergence magnets are opened, closed and slanted.

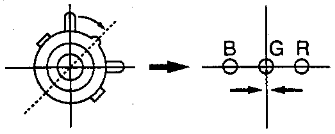
① Open-close



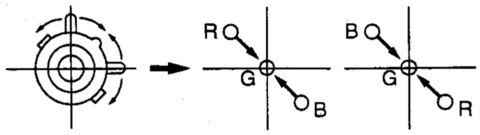
② Counter-clockwise direction



③ Clockwise direction



④ Adjustment by opening/closing in slant position



[Static Convergence Adjustment]

1. Using the 6-pole magnet of the neck assembly, adjust the red dots and the blue dots aligned horizontally and vertically at the center of the screen to be equal with reference to the green dot. (See Fig. 1-13 and 1-14.)
2. Using RV1 (H STAT) on the C board, adjust the red, blue and green dots aligned horizontally at the center of the screen to overlap. (20-inch)
   - Adjust the V STATIC CONV data so that the red, blue and green dots aligned vertically at the center of the screen to overlap. (20-inch)
   - Using the 4-pole magnet of the neck assembly, adjust the red, blue and green dots aligned horizontally and vertically at the center of the screen to overlap. (24-inch)

Note

The V STATIC CONV adjustment menu is located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

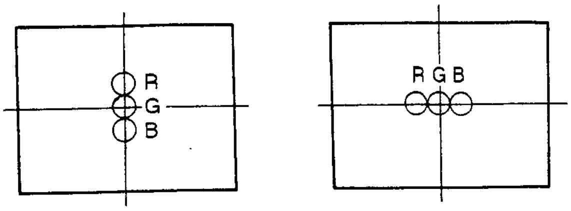


Fig. 1-15

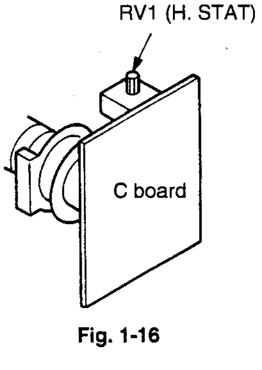


Fig. 1-16

[20 inch Convergence Adjustment]

- Preparation

1. Input the MODE9 480/60p (525p) cross-hatch signal to the BKM-68X (analog component input adaptor).
2. Press the 16 : 9 button of FUNCTION button with the SHIFT button pushed to set 4 : 3 mode.

- Convergence adjustment

1. Minimize the vertical mis-convergence in the center at the left-most end and at the right-most end of screen using the DY correction reactors XBV and XCV.
   * Because TLV is used for horizontal trapezoidal distortion adjustment, adjust the convergence while maintaining the correct adjustment of the horizontal trapezoidal distortion correction only when MSV is extremely poor.
2. Minimize the horizontal mis-convergence in the top and the bottom of screen using the DY correction reactors YBH and YCH.
3. Minimize the mis-convergence at the left-most end and at the right-most end of screen using the DY correction reactors APH, TLH and CBH.
4. Adjust the following data so that the vertical mis-convergence becomes minimum at the top and bottom parts of the screen. (Keep the H STAT data to be 128.)
   V CONV TOP
   V STATIC CONV
   V CONV BOTTOM

   Note

   These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).
5. Copy the respective adjustment data into all modes. Then confirm the vertical and horizontal convergence again. If any mis-convergence is noticed, adjust the convergence again.

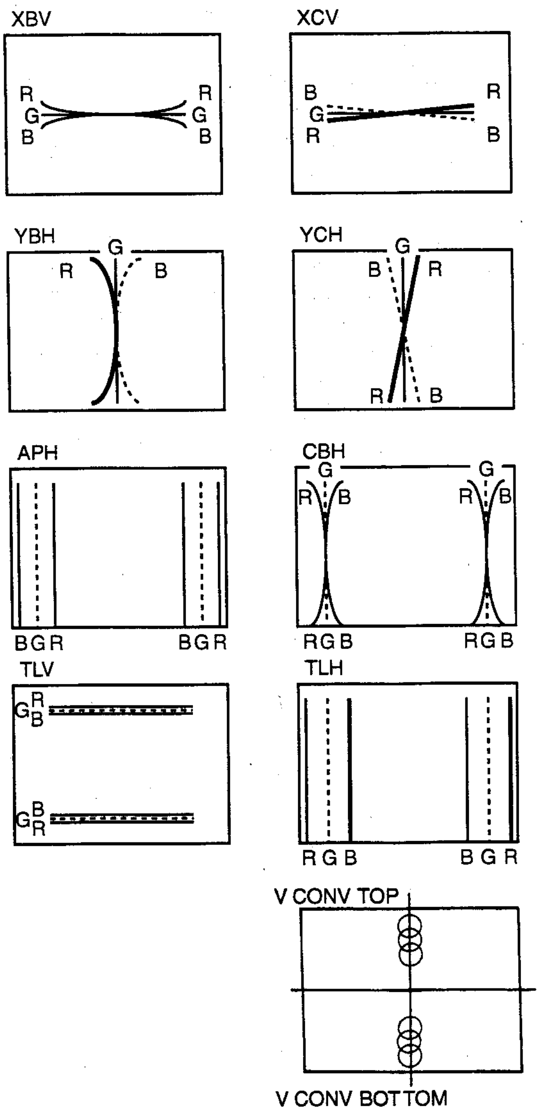

XBV
R
G
B
R
G
B
XCV
B
G
R
R
B
YBH
G
R
B
YCH
G
B
R
R
B
APH
BGR
BGR
CBH
G
G
R
B
R
B
RGB
RGB
TLV
G R B
G B R
TLH
RGB
BGR
V CONV TOP
V CONV BOTTOM

Fig. 1-17

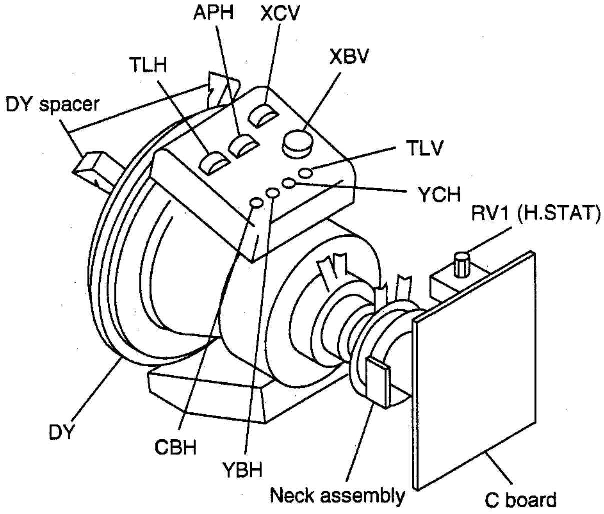

APH
XCV
TLH
XBV
DY spacer
TLV
YCH
RV1 (H.STAT)
DY
CBH
YBH
Neck assembly
C board

Fig. 1-18

[24 inch Convergence Adjustment]

- Preparation

1. Input the MODE1 1080/60i (1125) cross-hatch signal to the BKM-68X (analog component input adaptor).
2. Press the 16 : 9 button of FUNCTION button with the SHIFT button pushed to set 16 : 9 mode.

- Convergence adjustment

1. Minimize the vertical mis-convergence in the center at the left-most end and at the right-most end of screen using the DY correction reactors XBV and XCV.
2. Minimize the horizontal mis-convergence in the top and the bottom of screen using the DY correction reactors YCH and YBH.
3. Minimize the mis-convergence at the left-most end and at the right-most end of screen using the DY correction reactors APH and TLH.
4. Adjust the following data so that the vertical mis-convergence becomes minimum at the top and bottom parts of the screen. (Keep the V STAT and H STAT datum to be 128.)

   V CONV TOP
   V STATIC CONV
   V CONV BOTTOM

   Note

   These adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (4/5).

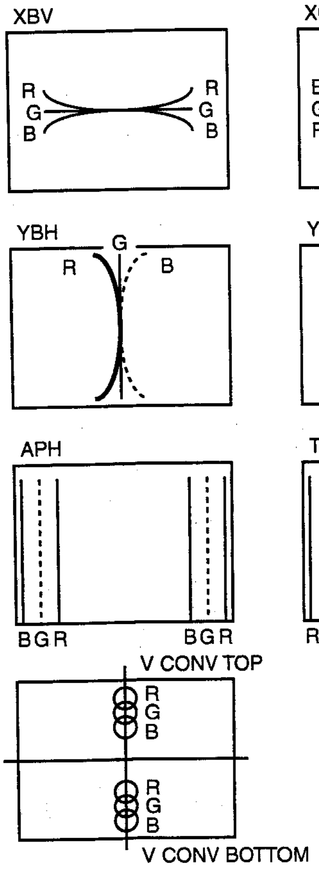

XBV
R
G
B
R
G
B
XCV
B
G
R
R
B
YBH
G
R
B
YCH
G
B
R
R
B
APH
BGR
BGR
TLH
RGB
BGR
V CONV TOP
R
G
B
R
G
B
V CONV BOTTOM

Fig. 1-19

5. Copy the respective adjustment data into MODE1 through MODE12/MODE14. Then confirm the vertical and horizontal convergence again. If any mis-convergence is noticed, adjust the convergence again.

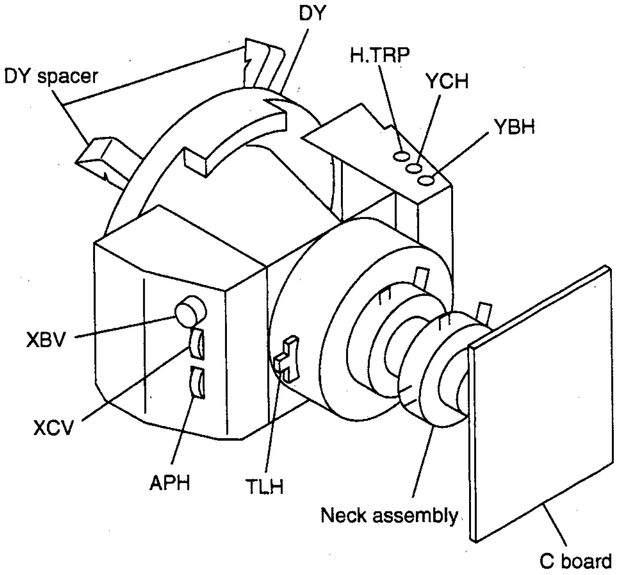

DY
DY spacer
H.TRP
YCH
YBH
XBV
XCV
APH
TLH
Neck assembly
C board

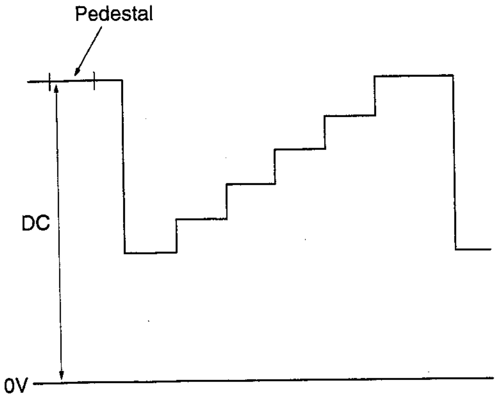
Fig. 1-20

[G2 Adjustment]

Note

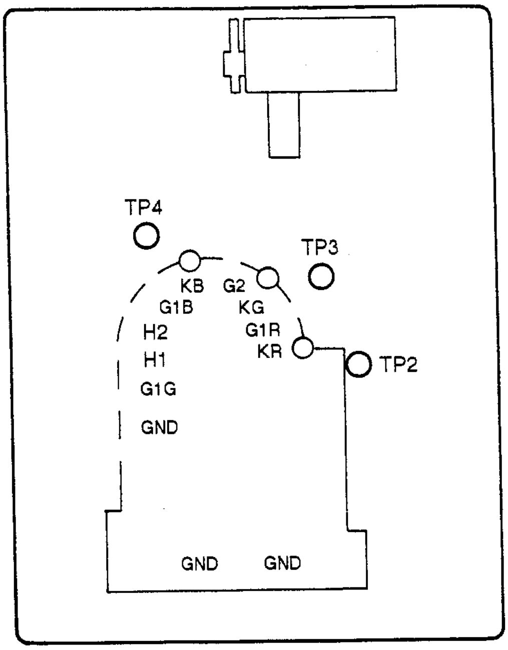
The G2 adjustment menus are located in the SYSTEM CONFIGURATION menu → MAINTENANCE → DEFLECTION (1/5).

1. Input the 1080/60i (1125) color bar signal to the BKM-68X (analog component input adaptor). (CHROMA: OFF state)
2. Connect the probe of the oscilloscope to each R, G, B cathode (TP2, 3, 4) of the C board, and check the DC voltages of the color bar signal pedestal portions.(20 V/Div)
3. Connect the probe of the oscilloscope to the cathode with the highest pedestal DC voltage.
4. Adjust the G2 data so that the DC voltage at the pedestal becomes the value as shown below.

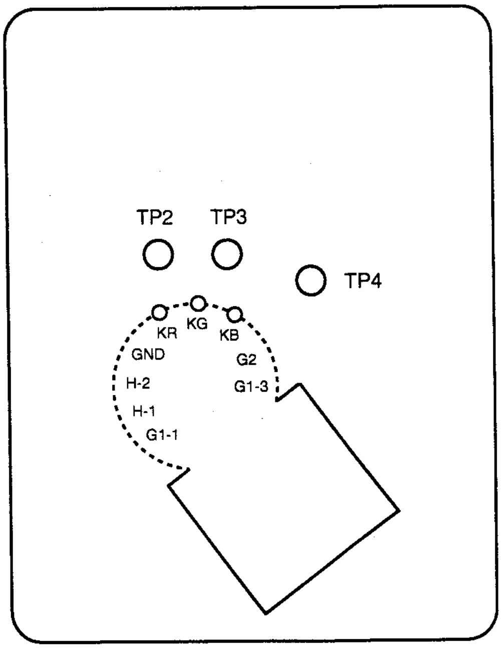


Specifications : 100 ±2.5 Vdc

Fig. 1-21


TP4
TP3
KB
G2
G1B
KG
H2
G1R
KR
TP2
H1
G1G
GND
GND
GND

C board -B SIDE- (20-inch)


TP2
TP3
TP4
KR
KG
KB
GND
G2
H-2
G1-3
H-1
G1-1

C board -B SIDE- (24-inch)

Fig. 1-22

[White Balance Adjustment]

Note

Perform the landing adjustment and the digital uniformity adjustment before the white balance adjustment as much as possible.

1. This section describes the overview of the adjustment and calibration of the color analyzer to be used for the adjustment.

1.1 Obtaining the Parameters for Converting the RGB Drive Voltage of the CRT to the Chromaticity Coordinate

This monitor comes equipped with a function to copy color temperature between several monitors.

Since the CRT drive voltage depends on each individual CRT. The same color temperature cannot be obtained even if the same drive voltage is supplied to several monitors. Consequently, to copy a certain color temperature between several monitors, there is a need to transmit data which does not depend on the CRT using the xyY chromaticity coordinate.

When the SYSTEM/COLOR TEMP/FACTORY ADJ menu of the MAINTENANCE menu is selected and executed, the D93 color temperature will automatically be adjusted, and at the same time, the parameters for converting the drive voltage and chromaticity coordinate will be created. Use these parameters when copying color temperature to other monitors and copying color temperature to the memory card.

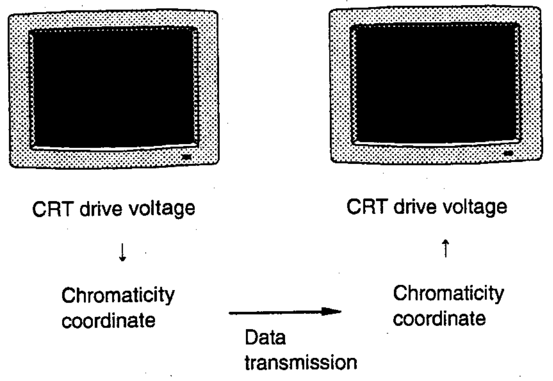


Fig. 1-23

2. Preparations for Adjustments

2.1 Input the HD signal (1125) into the Y/G input terminal of the BK board to display it on the screen.

2.2 Connect the RS-232C terminal of CA-100 and the OPTION terminal of the monitor using the cables indicated at Required Tools and Measuring Instruments (see page 2-1).

2.3 Set CA-100 as follows, and attach the measuring probe of CA-100 to the center of the CRT screen.

Display mode xyY mode
Baud Rate 9600

3. Receive the all white signal of MODE_1 1080/60i NORMAL SCAN.
4. Select SYSTEM CONFIGURATION → MAINTENANCE → SYSTEM → COLOR TEMP → FACTORY ADJ, and attach the sensor of the color analyzer to the center of the CRT screen.
5. Press the ENTER button to start the white balance auto adjustment.

   Note

   During adjustment, cover the CRT screen with a blackout cloth to shut out the external light.

W/B adjustment data

D65	x	y	Y [cd/m^2]
C/O	0.313	0.329	2.7
H/L	0.313	0.329	100.0

D93	x	y	Y [cd/m^2]
C/O	0.283	0.297	2.7
H/L	0.283	0.297	100.0

D61	x	y	Y [cd/m^2]
C/O	0.320	0.336	2.7
H/L	0.320	0.336	100.0

Section 3
Safety Related Adjustments

High Voltage Regulator Check/Adjustment (⧗ RV501)

Perform the following checks/adjustments when the following parts (◪ on the schematic diagram) have been replaced.

20-inch:
◪ PA board .. R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, IC501, IC502, RV501
◪ PC board .. T701
24-inch:
◪ PC board .. R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, RV501, IC501, IC502, T701

1. Turn off the power.
2. Connect the static voltmeter to the anode cap of the CRT.
   - Static voltmeter : Calibrated to an input impedance more 2 x 10^9 Ω. (For example, Singer ESH-27X or ESH-23X)
3. Turn ON the power.
   (Input voltage value : 264 VAC)
4. Input the 1080/60i (1125) monoscope signal (fh=33.75 kHz) to the BKM-68X (analog component input adaptor).
5. Press the BRIGHT and CONTRAST buttons to set the PRESET state. [The LED (green) on the button goes OFF.]
6. Check that the high voltage value is within the following range.
   27.00 ±0.15 kV
7. If 6 is not satisfied, replace RV501 of the PA board (20-inch) /PC board (24-inch) to satisfy the specifications.
   Remove the static voltmeter.
9. If RV501 has been replaced at step 7, fix it with epoxy resin (DP-190 made by 3M) after adjusting the RV.

+B Check

Perform the following checks and adjustments when the following parts (◪ on the schematic diagram) have been replaced.
◪ G board IC604

1. Connect a digital voltmeter to TP1 of the G board. (GND is TP6 of the G board)
   - Use a digital voltmeter with more than 4 digits.
2. Turn ON the power. (Input voltage value : 264 VAC)
3. Confirm that the TP1 voltage value is as shown below.
   135.2 ±0.8 VDC

High Voltage Hold-Down Check/Adjustment (⧗ RV601)

Perform the following checks/adjustments when the following parts (◪ on the schematic diagram) have been replaced.

20-inch:
◪ PA board .. R652, R653, R654, R655, R656, D651, D652, D659, D660, Q651, Q652, RV601
◪ PC board .. R707, D702
24-inch:
◪ PC board .. R652, R653, R654, R655, R656, R707, D651, D652, D659, D660, D702, Q651, Q652, RV601

1. Turn OFF the power.
2. Connect the static voltmeter to the anode cap of the CRT.
   - Static voltmeter : Calibrated to an input impedance more 2 x 10^9 Ω. (For example, Singer ESH-27X or ESH-23X)
3. Connect the 200-k Ω variable resistor between TP501 and TP502 (GND) of the PA board (20-inch) /PC board (24-inch) . (Set the resistance of the 200-k Ω resistor to the maximum value.)
4. Turn ON the power. (Input voltage value : 264 VAC)
5. Input the 1080/60i (1125) cross-hatch signal (fh=33.75 kHz) to the BKM-68X (analog component input adaptor) .
6. Press the BRIGHT button and the CONTRAST button. Adjust each value to minimum using BRIGHT/ CONTRAST. [The LED (green) on the button goes ON.]
   Press the 16 : 9 button of the FUNCTION button to set 16 : 9 mode (24-inch) .
7. Decrease the resistance of the 200-k Ω variable resistor connected to TP501, and check that the high voltage value drops suddenly at the following values.
   30.00 ±0.50 kV
8. If 7 is not satisfied, replace RV601 of the PA board (20-inch) /PC board (24-inch) to satisfy the specifications.
9. Remove the 200-k Ω variable resistor.
10. Check that the high voltage values satisfy the following values.
    27.00 ±0.15 kV
11. Remove the static voltmeter.
12. If RV601 has been replaced at step 8, fix it with epoxy resin (DP-190 made by 3M) after adjusting the RV.

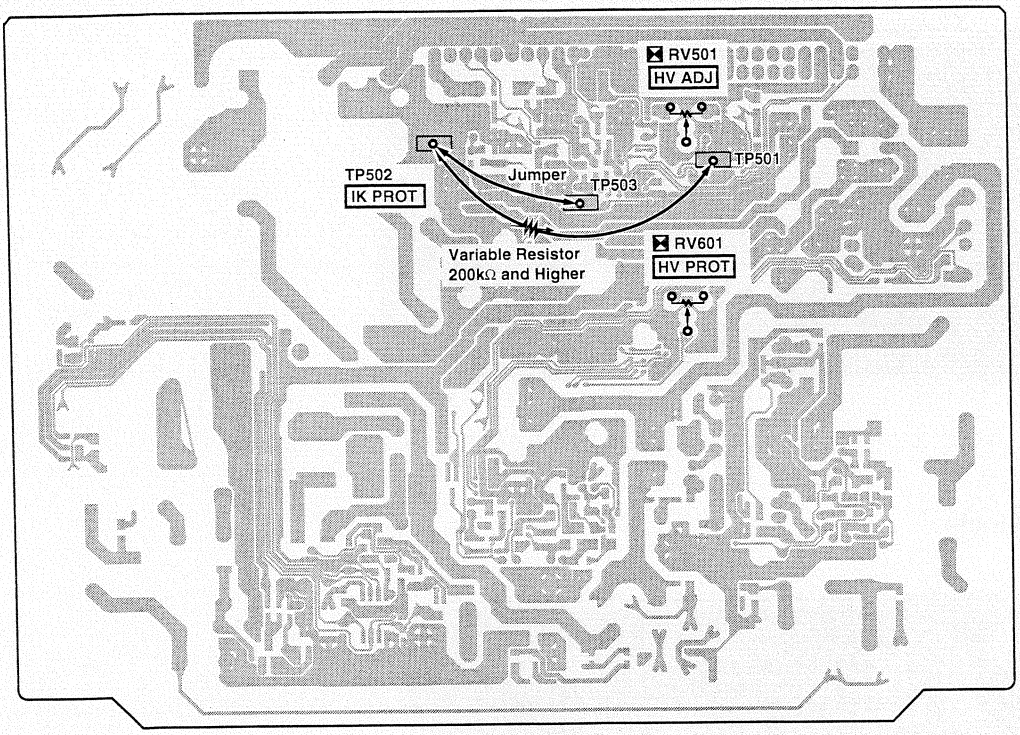
Beam Current Protector Check

Perform the following checks when the following parts (◪ on the schematic diagram) have been replaced.

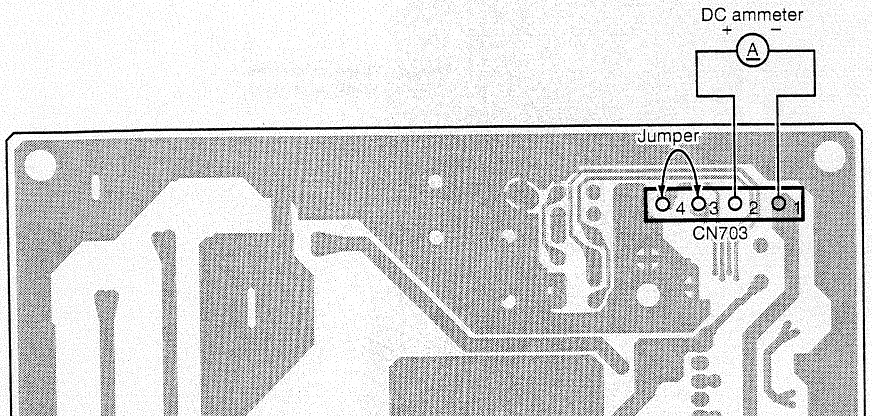
◪ PA board
  (20-inch) R602, R603, R604, R605, R606, R607,
    IC601, Q601, Q602, D601, D608, D609
◪ PC board
  (20-inch) R701, R702, R703, R704, R705, R706
  (24-inch) R603, R604, R605, R606, R607, R701,
    R702, R703, R704, R705, R706, R782,
    IC601, Q601, Q602, D601, D608, D609
◪ BK board R604, R605, IC009

1. Turn OFF the power.
2. Disconnect the CN703 connector of the PC board.
3. Connect a DC ammeter between pins 1 and 2 of CN703 of the PC board.
4. Short-circuit between pins 3 and 4 of CN703 of the PC board using a jumper.
5. Short-circuit between TP503 and TP502 (GND) of the PA board (20-inch) /PC board (24-inch) using a jumper. (Disable ABL.)
6. Turn ON the power.
7. Input the 1080/60i (1125) 100% all white signal.
8. Press the BRIGHT and CONTRAST buttons to set the MANUAL state. [The LED (green) on the button goes ON.]
9. Turn the BRIGHT and the CONTRAST starting from the MIN end toward the MAX end gently. When the DC ammeter reading reaches the following value, confirm that the protectors do not operate.
   20-inch : 1.5 mA
   24-inch : 1.35 mA
10. Turn the BRIGHT and the CONTRAST starting from the MIN end toward the MAX end gently. When the DC ammeter reading reaches the following value, confirm that the protectors operate [OVER LOAD LED on the front of monitor is gently flashed.].
    20-inch : 1.85 ±0.30 mA
    24-inch : 1.60 ±0.25 mA
11. Turn OFF the power.
12. Remove the jumper from between TP503 and TP502 (GND) of the PA board.
13. Turn ON the power again.
14. Input the 480/60i (525) monoscope signal (fh=15.73 kHz) to the BKM-68X (analog component input adaptor) .
15. Check that when the BRIGHT and CONTRAST buttons are rotated from MIN to MAX, the ABL operates (OVER LOAD LED [orange color] on the button goes ON) the maximum reading of the DC ammeter should be the value below.
    20-inch : 1.30 ±0.2mA (4:3)
    : $1.00^{+0.20}_{-0.15}$ mA (16:9)
    24-inch : $1.20^{+0.15}_{-0.20}$ mA (16:9)
16. Remove the DC ammeter.
17. Remove the jumper between pins 3 and 4 of the CN703 of the PC board.
18. Connect the CN703 connector of the PC board.

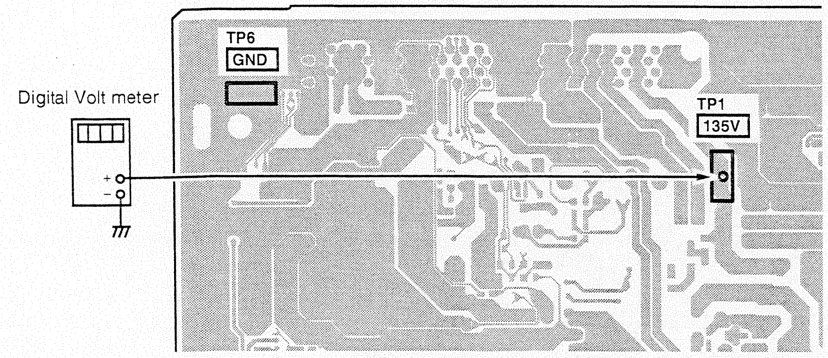
PA BOARD (20-inch)
-B SIDE-


RV501
HV ADJ
TP501
TP502
IK PROT
Jumper
TP503
Variable Resistor
200kΩ and Higher
RV601
HV PROT

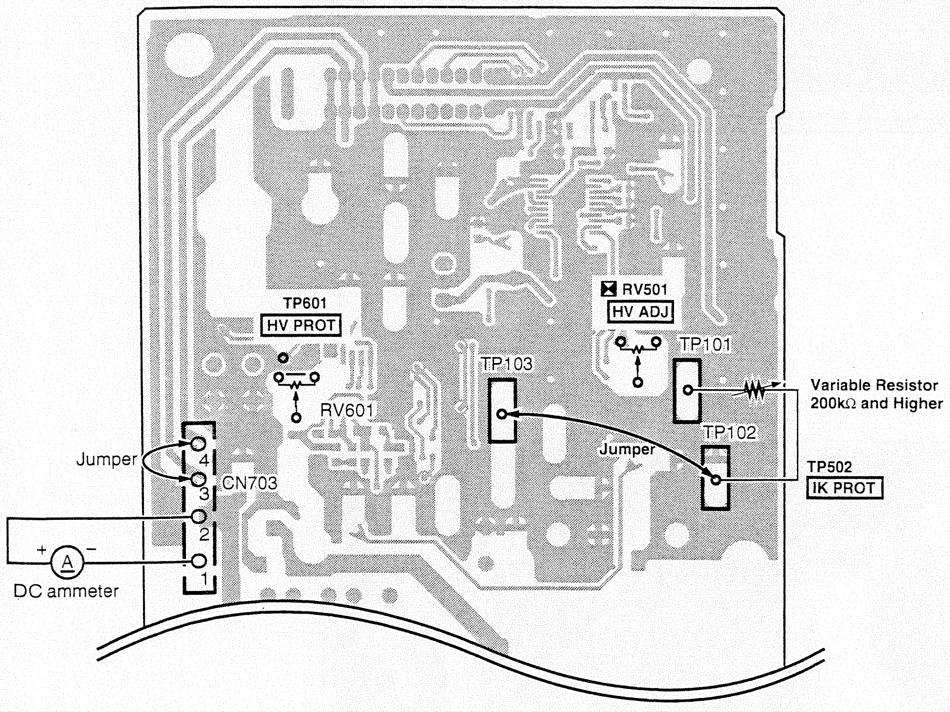
PC BOARD (20-inch)
-B SIDE-


DC ammeter
+
−
A
Jumper
4
3
2
1
CN703

G BOARD (24-inch)
-B SIDE-


TP6
GND
Digital Volt meter
+
−
TP1
135V

PC BOARD (24-inch)
-B SIDE-


TP601
HV PROT
RV601
☒ RV501
HV ADJ
TP101
TP103
TP102
Variable Resistor
200kΩ and Higher
TP502
IK PROT
Jumper
Jumper
4
3
2
1
CN703
+
A
−
DC ammeter

Section 4
Circuit Adjustments

4-1. BK Board Adjustments

This section describes the adjustments which are required when performing the maintenance and parts replacement of the BK board.

1. Bright center adjustment
2. 100 IRE adjustment
3. MATRIX adjustment (1)
4. MATRIX adjustment (2)
5. DRIVE Level adjustment
6. BIAS Level adjustment

Control Settings

- Set as follows at the INPUT CONFIGURATION menu of the SETUP menu.
  For the analog RGB signal:
  FORMAT ....RGB
  For the SDI signal:
  FORMAT ....HD-SDI/D1 AUTO
- Select and execute SLOT 5 VIDEO in the FILE MANAGEMENT menu > DATA MAINTENANCE > RELOAD FACTORY DATA.
- Configure the following settings in the SYSTEM CONFIGURATION menu > MAINTENANCE > VIDEO (2/5).
  CONTRAST............256
  SUB CONTRAST...400
  BRIGHT..................256
  CHROMA 256

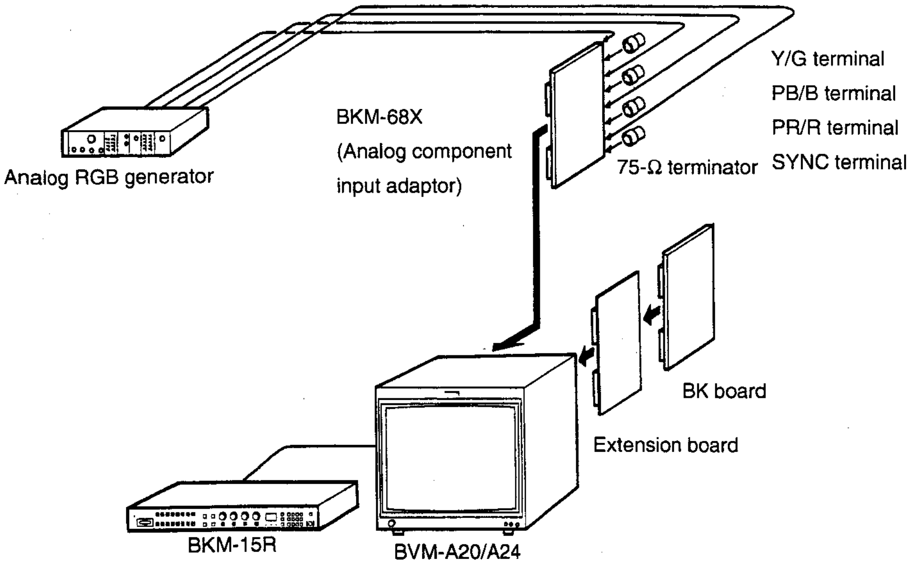
Devices to be used

Name	Main Specifications	Equipment
Analog RGB generator	• 1080/60i (1125)	
SDI signal generator	• 1035/60i SMPTE 240M standard/1080/60i ITU-R BT.709/ 480/60i ITU-R BT601	
BKM-68X	Analog component input adaptor	
BKM-62HS	HD SDI/SDI input adaptor	
Oscilloscope	Frequency: DC to 150 MHz or more 2 phenomena or more (ADD mode)	Tektronix 2465 or equivalent

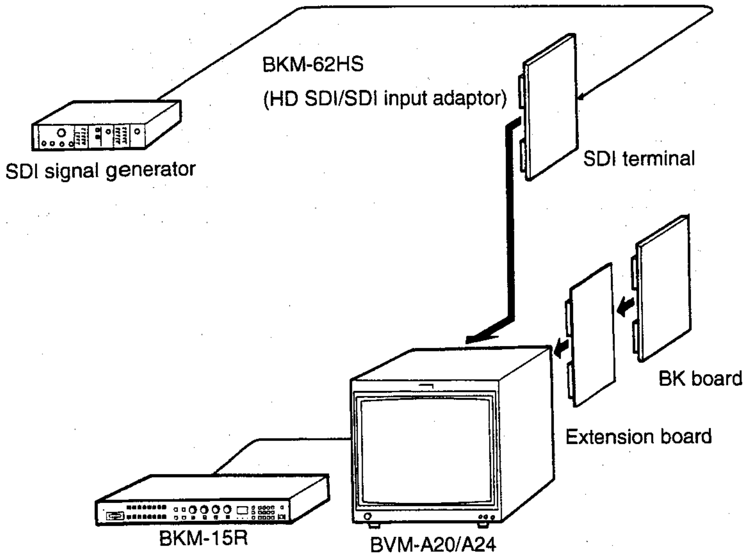
Tools

Name	Part No.	Remark
Extension board	**A-1091-210-A**	**Z board**
75-Ω terminator	–	× 4
Adjustment screwdriver	–	

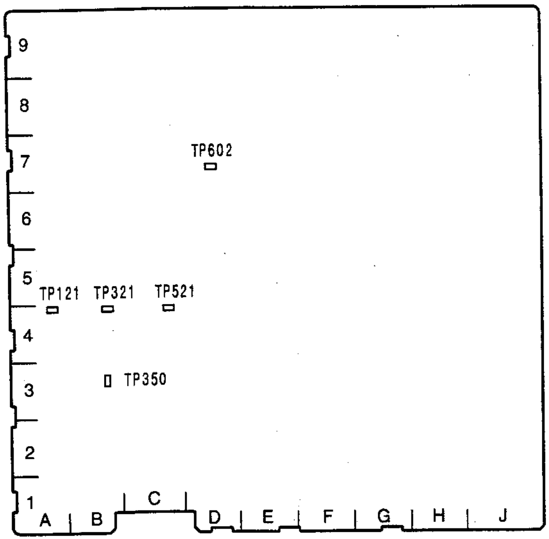
Connection (1)


Y/G terminal
PB/B terminal
PR/R terminal
SYNC terminal
BKM-68X
(Analog component
input adaptor)
75-Ω terminator
Analog RGB generator
BK board
Extension board
BKM-15R
BVM-A20/A24

Connection (2)


BKM-62HS
(HD SDI/SDI input adaptor)
SDI signal generator
SDI terminal
BK board
Extension board
BKM-15R
BVM-A20/A24

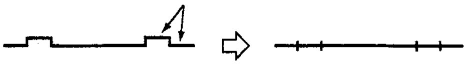
Connection (3)


9
8
7
6
5
4
3
2
1
A
B
C
D
E
F
G
H
J
TP602
TP121
TP321
TP521
TP350

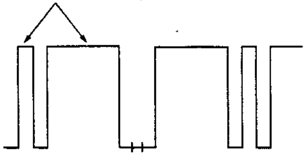
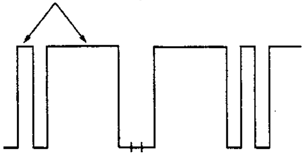
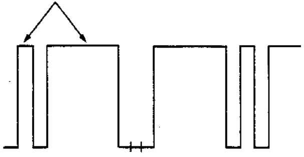
BK board -A SIDE-

Procedure

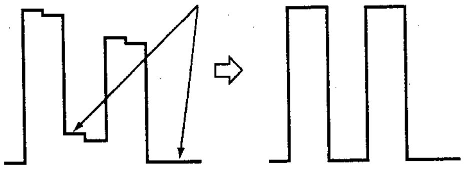
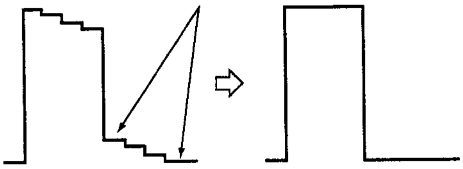
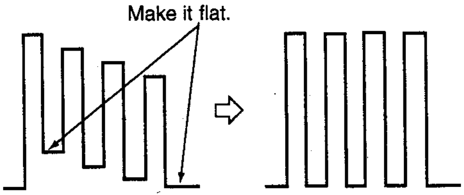
1. Bright center adjustment

Adjustment Operation	Standard	Adjusting Point
• Connect the oscilloscope to TP602.	Make the TP602 waveform flat: Level difference: 0 ±4 mV Make it flat. 	The adjustment menu is BRIGHT CENTER in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5)

2. 100 IRE adjustment

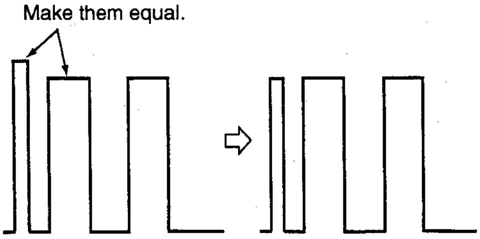
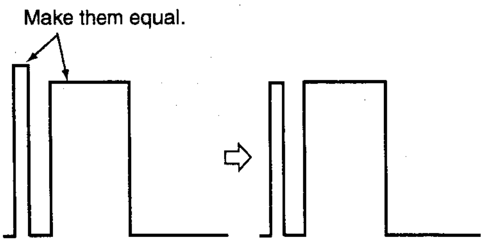
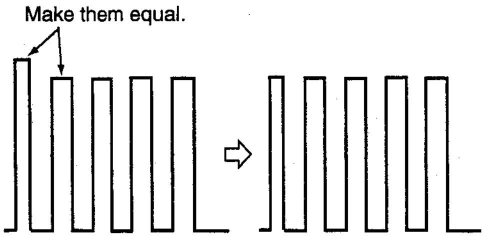
Adjustment Operation	Standard	Adjusting Point
Step 1 • Input "093" with the numeric keypad on the controller, and input the built-in 100% FLAT FIELD signal. • Connect the oscilloscope to TP121.	100% WHITE level and the 100 IRE pulse level output from TP121 are equal: Level difference: 0 ±4 mV Make them equal. 	The adjustment menu is R 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5)
Step 2 • Connect the oscilloscope to TP321.	100% WHITE level and the 100 IRE pulse level output from TP321 are equal: Level difference: 0 ±4 mV Make them equal. 	The adjustment menu is G 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).
Step 3 • Connect the oscilloscope to TP521.	100% WHITE level and the 100 IRE pulse level output from TP521 are equal: Level difference: 0 ±4 mV Make them equal. 	The adjustment menu is B 100 IRE in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).

3. MATRIX adjustment (1)

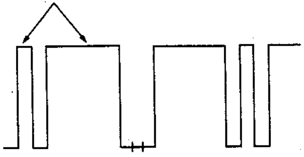
Adjustment Operation	Standard	Adjusting Point
Step 1 • Input the SMPTE 240M (1035/60i) (8) color bar signal (saturation: 100%) to BKM-62HS (HD SDI/SDI input adaptor). • Set MATRIX in the INPUT CONFIGURATION menu to SMPTE240M. • Set Y G GAIN to "853". • Connect the oscilloscope to TP121 (RED)	The output waveform of TP121 (RED) is flat: Level difference: 0 ±4 mV Make it flat. 	The adjustment menu is PR R GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).
Step 2 • Connect the oscilloscope to TP321 (GREEN).	The output waveform of TP321 (GREEN) is flat: Level difference: 0 ±10 mV Make it flat. 	The adjustment menus are G PR GAIN and G PB GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).
Step 3 • Connect the oscilloscope to TP521 (BLUE).	The output waveform of TP521 (BLUE) is flat: Level difference: 0 ±10 mV Make it flat. 	The adjustment menu is PB B GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).

- Set MATRIX in the INPUT CONFIGURATION menu to ITU709. Change the input signal to ITU-R BT.709 (1080/60i) , and adjust steps 1 to 3.
- Set MATRIX in the INPUT CONFIGURATION menu to ITU601. Change the input signal to ITU-R BT601 (480/60i) , and adjust steps 1 to 3.

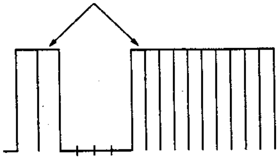
4. MATRIX adjustment (2)

Adjustment Operation	Standard	Adjusting Point
Step 1 - Input the 1080/60i (8) color bar signal (saturation: 100%) to the BKM-68X (analog component input adaptor). - Set FORMAT in the INPUT CONFIGURATION menu to RGB. - Connect the oscilloscope to TP121 (RED).	100% WHITE level and the 100 IRE pulse level output from TP121 (RED) are equal: Level difference: 0 ±4 mV 	The adjustment menu is PR R GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).
Step 2 - Connect the oscilloscope to TP321 (GREEN).	100% WHITE level and the 100 IRE pulse level output from TP321 (GREEN) are equal: Level difference: 0 ±4 mV 	The adjustment menu is Y G GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).
Step 3 - Connect the oscilloscope to TP521 (BLUE).	100% WHITE level and the 100 IRE pulse level output from TP521 (BLUE) are equal: Level difference: 0 ±4 mV 	The adjustment menu is PB B GAIN in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (2/5).

5. DRIVE Level adjustment

Adjustment Operation	Standard	Adjusting Point
Step 1 • Input “093” with the numeric keypad on the controller, and input the built-in 100% FLAT FIELD signal. • Connect the oscilloscope to TP350	100% WHITE level and the 100 IRE pulse level output from TP350 are equal: Level difference: 0 ±4 mV  Make them equal.	The adjustment menu is DRIVE LEVEL in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).

6. BIAS Level adjustment

Adjustment Operation	Standard	Adjusting Point
• Input “092” with the numeric keypad on the controller, and input the built-in 20% FLAT FIELD signal. • Connect the oscilloscope to TP350.	100% WHITE level and the BIAS REF pulse output from TP350 are equal: Level difference: 0 ±4 mV  Make them equal. Note: Check the waveform by its V cycle.	The adjustment menu is BIAS LEVEL in SYSTEM CONFIGURATION → MAINTENANCE → VIDEO (3/5).

7. Reference

For the following adjustments, refer to Section 2. Setup Adjustment.

G2 adjustment

White balance adjustment

Section 5
Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section. However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled "Semiconductor Pin Assignments" (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.

Pin assignments and block diagrams are based on the IC manufacturer's data book.

本機に使用されている半導体型名の一覧を下記に示します。索引中，ページが記載されている半導体は，本章の該当ページを参照してください。ただし，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。

また，ID番号が記載されている半導体は，別途発行の"Semiconductor Pin Assignments" CD-ROM版（ソニー部品番号：9-968-546-xx)を参照してください。

半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は，それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	**Page or ID No.**
1SS119-25	DA001-01
1SS119-25TD	DA001-01
1SS133T-77	DA001-01
1SS302	DC001-01
1SS302-TE85L	DC001-01
1SS357-TPH3	DC008-02
1SS376TE-17	DC008-02
1SS83	DA001-01
D1NL40-TR2	DA001-01
ERA91-02	DA001-01
MA111-(K8).S0	DC008-01
RB060L-40TE25	DC007-01
RD12SB-T1	DC008-04
RD2.0SB-T1	DC008-04
RD27ES-B2	DA001-02
RD27SB-T1	DC008-04
RD3.3SB	DC008-04
RD3.3SB-T1	DC008-04
RD3.9SB	DC008-04
RD30SB-T1	DC008-04
RD4.7SB-T2	DC008-04
RD5.1SB-T2	DC008-04
RD5.6SB-T1	DC008-04
RD6.2SB	DC008-04
RD8.2SB-T1	DC008-04

LED	**Page or ID No.**
CL-191YG-CD-T	LC004-01

TRANSISTOR	**Page or ID No.**
2SA1162-G	TC001-01
2SA1330-06	TC001-01
2SA1371	TR002-01
2SA1576A-T106-QR	TC001-01
2SA1610-T1Y34	TC001-01
2SA1610-Y33	TC001-01
2SB1121-ST	TC002-01
2SB1375	TM004-02
2SC2784	TR011-02
2SC2878A-TPE2	TR001-02
2SC3421-Y	TM025-02
2SC3623A-LK	TR011-02
2SC3950-D	TM007-01
2SC3955-DE	TM007-01
2SC4081-R	TC001-02
2SC4081T106R	TC001-02
2SC4176-B34	TC001-02
2SC4176T1B33B34B35	TC001-02
2SC4686A(LBSONY)	TM001-07
2SD1621-ST	TC002-02
2SD1623-S	TC002-02
2SD2012	TM001-02
2SK880GR-TE85L	TC001-05
DTA114EUA-T106	TC001-04
DTA123JUA-T106	TC001-04
DTA144EKA-T146	TC001-04
DTA144EUA-T106	TC001-04
DTC114GKAT146	TC001-03
DTC114YUA-T106	TC001-03
DTC123JUA-T106	TC001-03
DTC144EUA-T106	TC001-03
SPA20N60C3	TM001-09

IC	**Page or ID No.**
93LC46BT-I/SN	BR93LC46F
BA25BC0FP-E2	BA18BC0FP-E2
BA25BC0FP-TE2	BA18BC0FP-E2
CDCVF2505PWR	CDCVF2505PWR
CXA1875AM	CXA1875AM_T4
CXA1875AM-T4	CXA1875AM_T4
CXD1171M	CXD1171M
CXD2309AQ-T6	CXD2309Q-T6
EPC2LC20-TP	EPC2LC20
EPC2LC20N-TP	EPC2LC20
HD6417709SF133BV	HD6417709SF133BV
LA6500-FA	LA6500-FA
LM2990SX-5.0	UA7905UC
LM2990T-5.0	UA7905UC
LM339NS	LM339
LM393PS	UA393DC
LM75CIMX-3	LM75
LM7815CT	NJM78M05FA
LM7912CT	NJM79M05FA
LMH6502MAX	CLC520AJP
LT1252CS8	LT1252CS8
LT1252CS8-E2	LT1252CS8
MAX3243CDBR	MAX3243CDBR
NJM082M	RC4558
NJM2904M	RC4558
NJM7812FA	NJM78M05FA
NJM78M09DL1A(TE1)	NJM78M12DLA_TE1
NJM78M12DL1A-TE1	NJM78M12DLA_TE1
NJM79L05A	NJM79L03A
NJM79M12DL1A-TE1	NJM79M12DLA_TE1
SN74AHCT04PWR	TC74HC04P
SN74LVC14APWR	TC74HC14P
SN74LVC541APWR	SN74LS541N
TC74HC4053AFT(EL)	MC74HC4053F
TC74HC4538AFT(EL)	MC74HC4538N
TC74HC4538AFT	MC74HC4538N
TC74VHC04FT(EL)	TC74HC04P
TC74VHC05FT(EL)	SN74HC05N
TC74VHC123AFT(EL)	TC74HC123P
TC74VHC14FT(EL)	TC74HC14P
TC74VHCT04AFT(EL)	TC74HC04P
TC74VHCT125AFT(EL)	MC74HC125N
TC74VHCT32AFT	TC74HC32P
TC74VHCT541AFT(EL)	MC74HC541N
TC7SZ05FU(TE85R)	TC7SZ05FU_TE85R
TC7SZ125FU(TE85R)	NC7SZ125P5
TC7W53FU(TE12R)	TC4W53FU
TC7W53FU-TE12R	TC4W53FU
TC7WH14FK(TE85R)	TC7W14FU
TD62381F	TD62381P
TD62783AF(S)	TD62783AP
TL082CPWR	RC4558
TL16C550CPT	TL16C550CPT
TLC2932IPWR	TLC2932IPW
TLC2933IPWR-12	TLC2933IPWR
TPS5120DBTR	TPS5120DBTR
UPC1093J	TL431CLP
UPC2405AHF	UPC2412HF
UPC4558G2	RC4558
UPC574J	DR001-05

Section 6
Spare Parts

6-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

4. Units for Capacitors, Inductors and Resistors

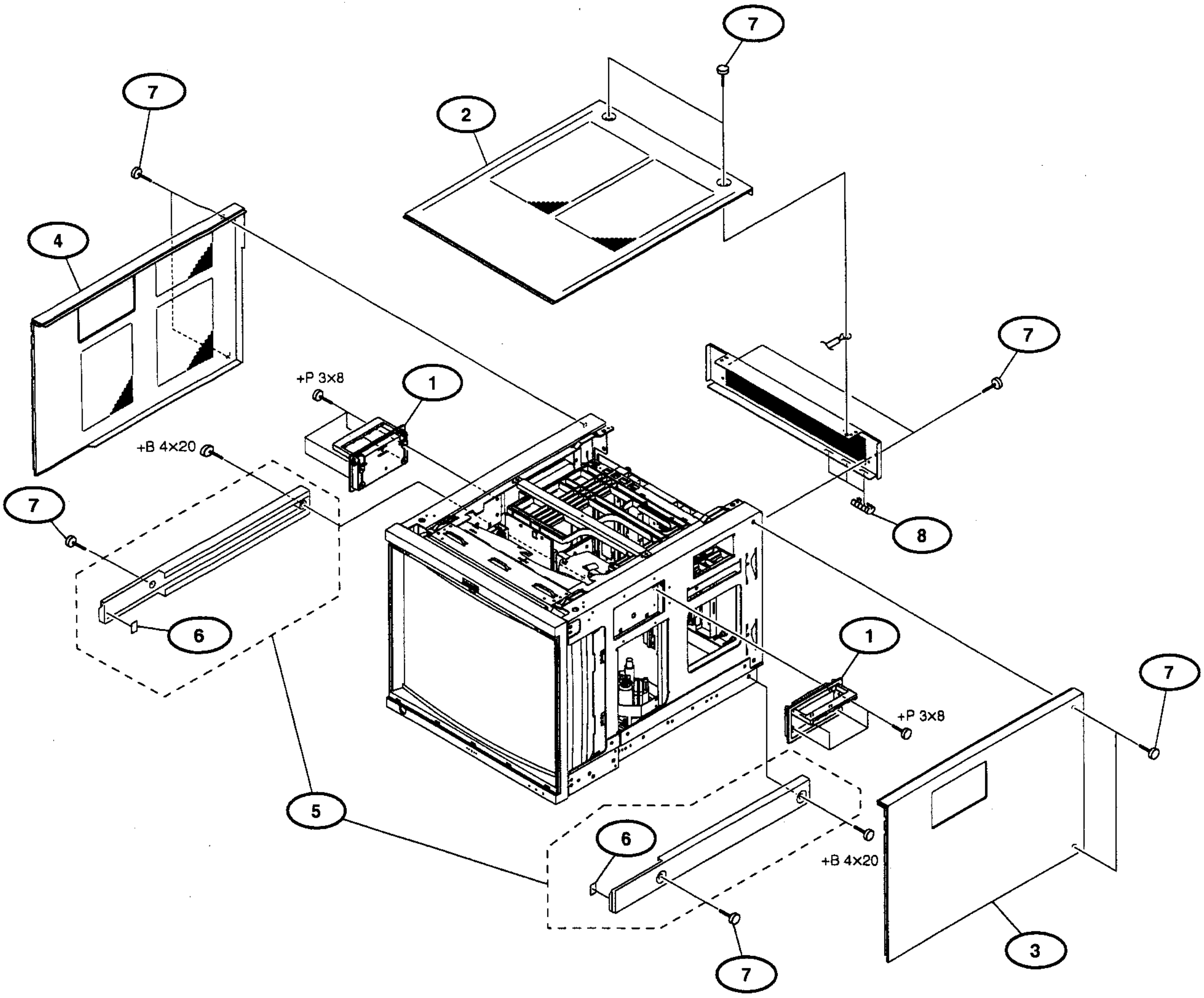
The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors : μF
Inductors : μH
Resistors : Ω

5. X-ray Radiation Safety Related Parts

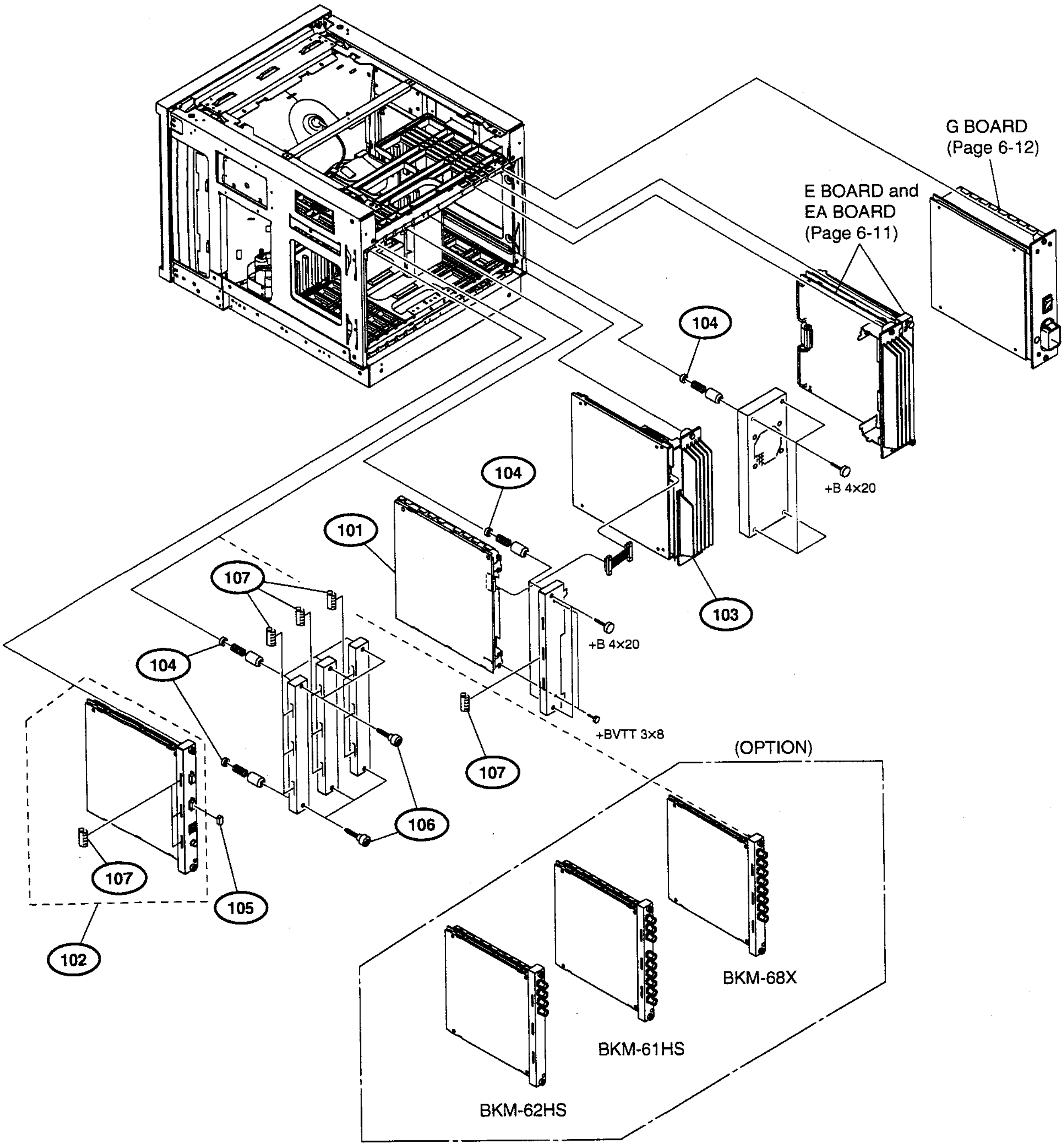
The components marked ⧓ in this Spare Parts List have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.

6-2. Exploded Views


7
2
7
4
+P 3x8
1
7
+B 4x20
7
8
6
1
+P 3x8
7
5
6
+B 4x20
7
3

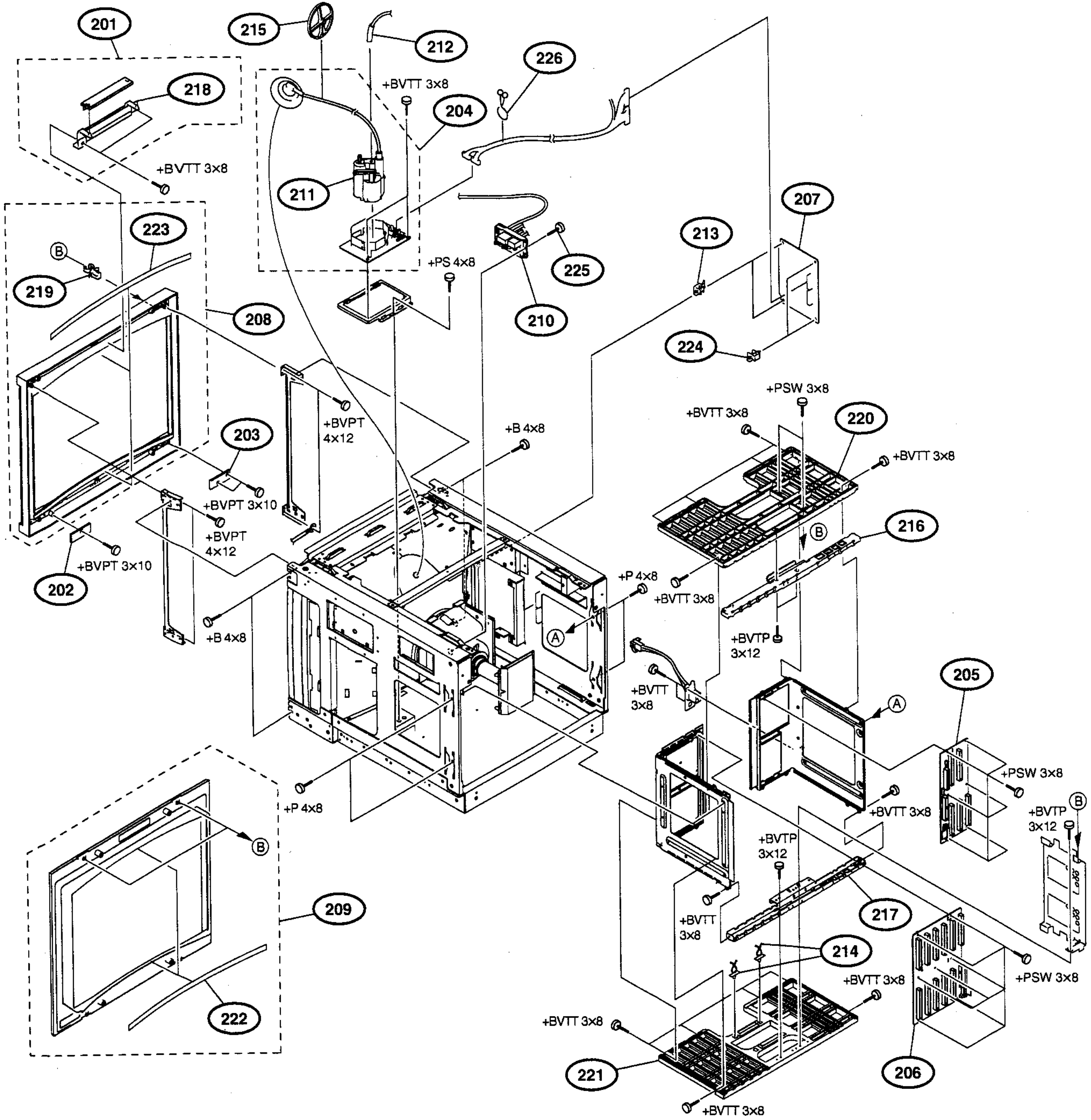
No.		Part No.	SP	Description
1	⚠	X-3608-706-1	s	HANDLE ASSY
2	⚠	X-4033-308-3	s	CABINET ASSY, TOP
3	⚠	X-4033-309-3	s	CABINET ASSY, RIGHT
4	⚠	X-4033-310-3	s	CABINET ASSY, LEFT
5	⚠	X-4033-324-3	o	BLIND COVER ASSY
6		3-342-839-02	o	CUSHION, RUBBER 10
7		4-063-969-21	s	SCREW (OS), CASE, CLAW
8		4-076-108-01	o	FINGER, SHIELD
		7-682-148-09	s	SCREW, +P 3X8 (EP-FE/ZNBK/CM2)

Plug in Board (20 Inch


G BOARD
(Page 6-12)
E BOARD and
EA BOARD
(Page 6-11)
104
+B 4x20
104
101
103
107
+B 4x20
104
+BVTT 3x8
107
(OPTION)
106
107
105
102
BKM-68X
BKM-61HS
BKM-62HS

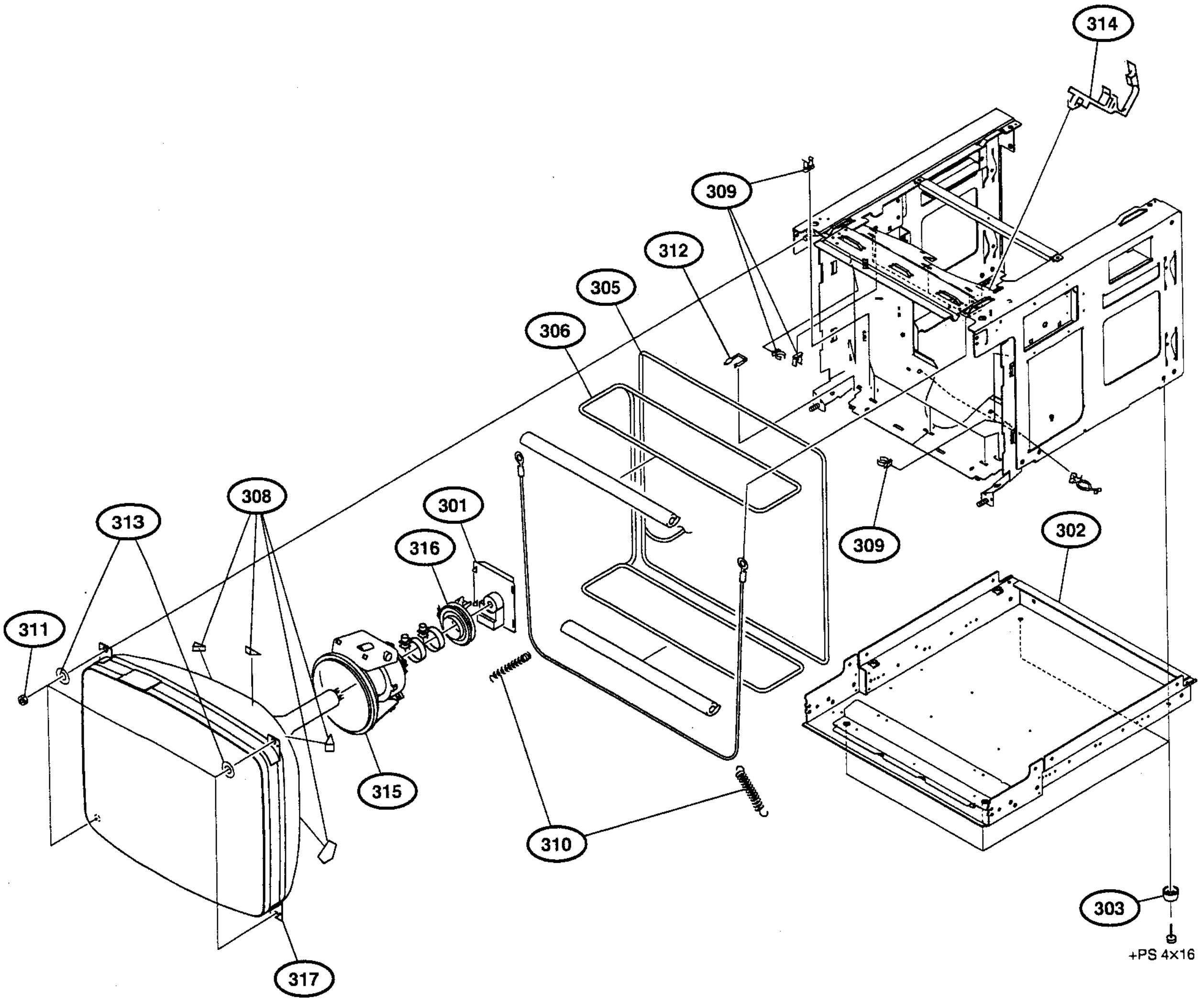
No.	Part No.	SP	Description
101	A-1091-090-A	s	MOUNTED CIRCUIT BOARD, BK
102	A-1171-142-A	s	MOUNTED CIRCUIT BOARD, BC
103	A-1166-053-A	s	MOUNTED CIRCUIT BOARD, CA
104	3-648-057-00	o	NUT (ISO-4) U (STEEL)
105	3-673-948-21	s	CAP, DUST
106	4-050-804-01	o	SCREW, PANEL STOPPER
107	4-076-108-01	o	FINGER, SHIELD
	7-682-566-04	s	SCREW, +B 4X20 (EP-FE/CU, NI, CR)
	7-685-872-09	s	SCREW, +BVTT 3X8 (EP-FE/ZNBK/CM)

Chassis (20 Inch)


201
215
212
226
218
+BVTT 3x8
204
+BVTT 3x8
211
207
223
213
B
219
225
+PS 4x8
208
210
224
+PSW 3x8
+BVTT 3x8
220
+BVPT 4x12
+B 4x8
203
+BVTT 3x8
+BVPT 3x10
216
+BVPT 4x12
B
+BVPT 3x10
+P 4x8
+BVTT 3x8
202
+BVTP 3x12
+B 4x8
A
205
+BVTT 3x8
A
+PSW 3x8
+BVTT 3x8
+P 4x8
B
+BVTP 3x12
+BVTP 3x12
B
209
+BVTT 3x8
217
214
+BVTT 3x8
+PSW 3x8
222
+BVTT 3x8
221
206
+BVTT 3x8

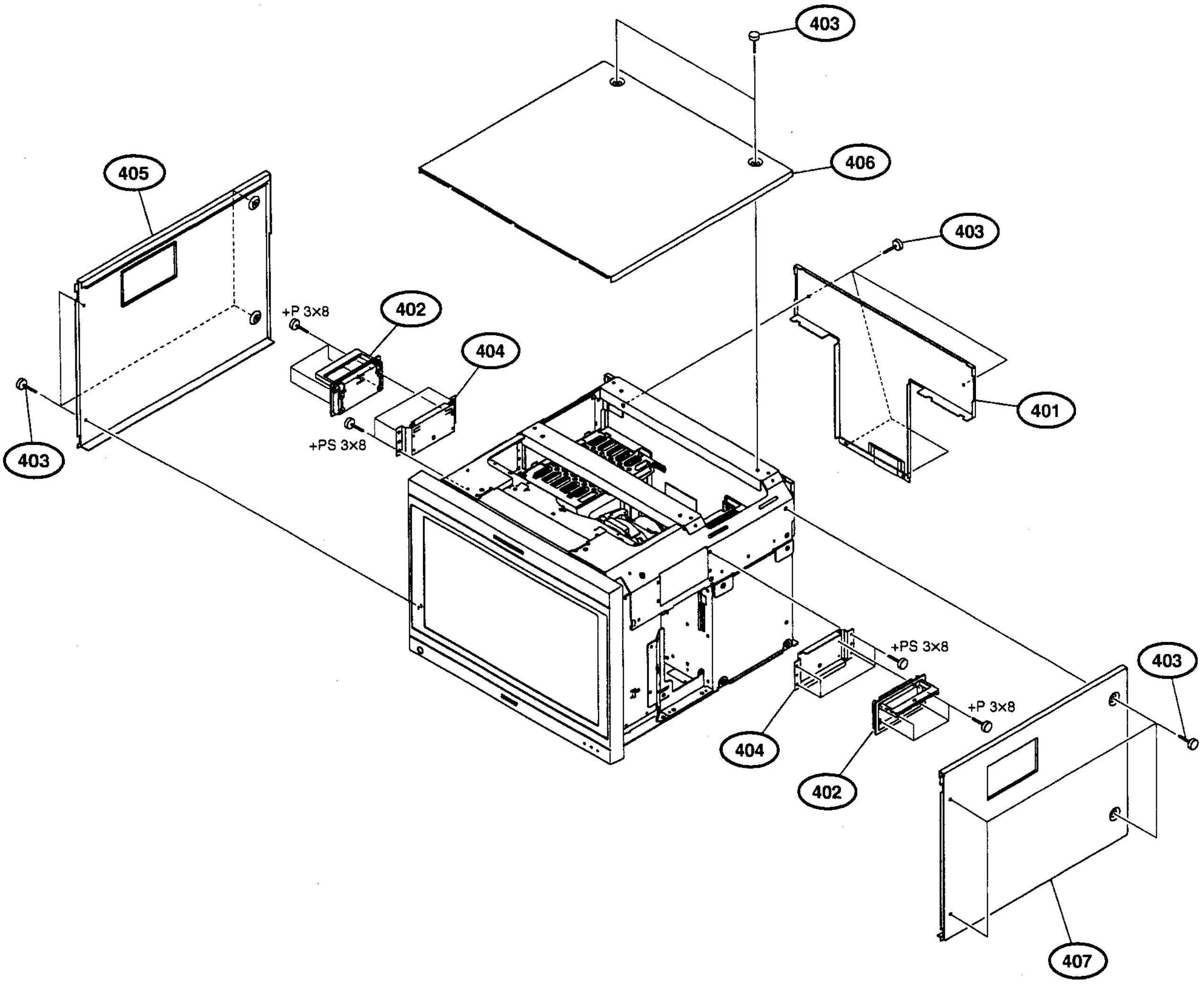
No.	Part No.	SP	Description
201	A-1091-224-A	s	MOUNTED CIRCUIT BOARD, YA
202	A-1091-225-A	s	MOUNTED CIRCUIT BOARD, YB
203	A-1091-226-A	s	MOUNTED CIRCUIT BOARD, YC
204	A-1168-481-A	s	MOUNTED CIRCUIT BOARD, PC
205	A-1091-232-A	s	MOUNTED CIRCUIT BOARD, TA
206	A-1091-233-A	s	MOUNTED CIRCUIT BOARD, TB
207	A-1091-285-A	s	MOUNTED CIRCUIT BOARD, PA
208	⚠ X-2108-374-1	s	BEZEL ASSY
209	X-4038-688-1	s	MASK (16:9) ASSY
210	⚠ 1-223-417-31	s	RESISTOR ASSY (HIGH-VOLTAGE)
211	⚠ 1-453-475-11	s	R/P FBT ASSY (NX-4201//M3E4)
212	⚠ 1-900-214-33	s	LEAD ASSY, FOCUS
213	3-703-141-00	o	HOLDER, PWB
214	4-035-160-01	s	PURSE LOCK (S)(DIA. 12)
215	4-047-349-01	o	HOLDER, HV CABLE
216	4-050-847-03	o	PLATE (UPPER), NUT
217	4-050-848-03	o	PLATE (LOWER), NUT
218	4-050-876-01	o	PLATE, LIGHT INTERCEPTION
219	4-051-061-03	s	HOLDER, MASK
220	4-072-207-02	o	BOARD (UPPER), CARD SLOT
221	4-072-208-02	o	BOARD (LOWER), CARD SLOT
222	4-081-069-01	s	CUSHION
223	4-101-842-01	s	CUSHION
224	4-353-620-11	o	HINGE, PC BOARD (PA)
225	4-382-854-11	s	SCREW, +PSW M3X10 (EP-FE/ZNBK/CM)
226	4-847-334-02	o	PURSE LOCK (DIA.15)
	7-682-161-09	s	SCREW, +P 4X8
	7-682-561-09	s	SCREW, +B 4X8
	7-682-661-01	s	SCREW, +PS 4X8 (EP-FE/ZN/CM2)
	7-682-948-01	s	SCREW, +PSW 3X8
	7-685-647-79	s	SCREW, +BVTP 3X10 (EP-FE/ZNBK/CM2)
	7-685-661-14	s	SCREW, +BVTP 4X12 (EP-FE/CU, NI, CR)
	7-685-872-01	s	SCREW, +BVTT 3X8 (EP-FE/ZNBK/CM)
	7-685-648-71	s	SCREW, +BVTP 3X12 TYPE2 IT-3

Picture Tube (20 Inch



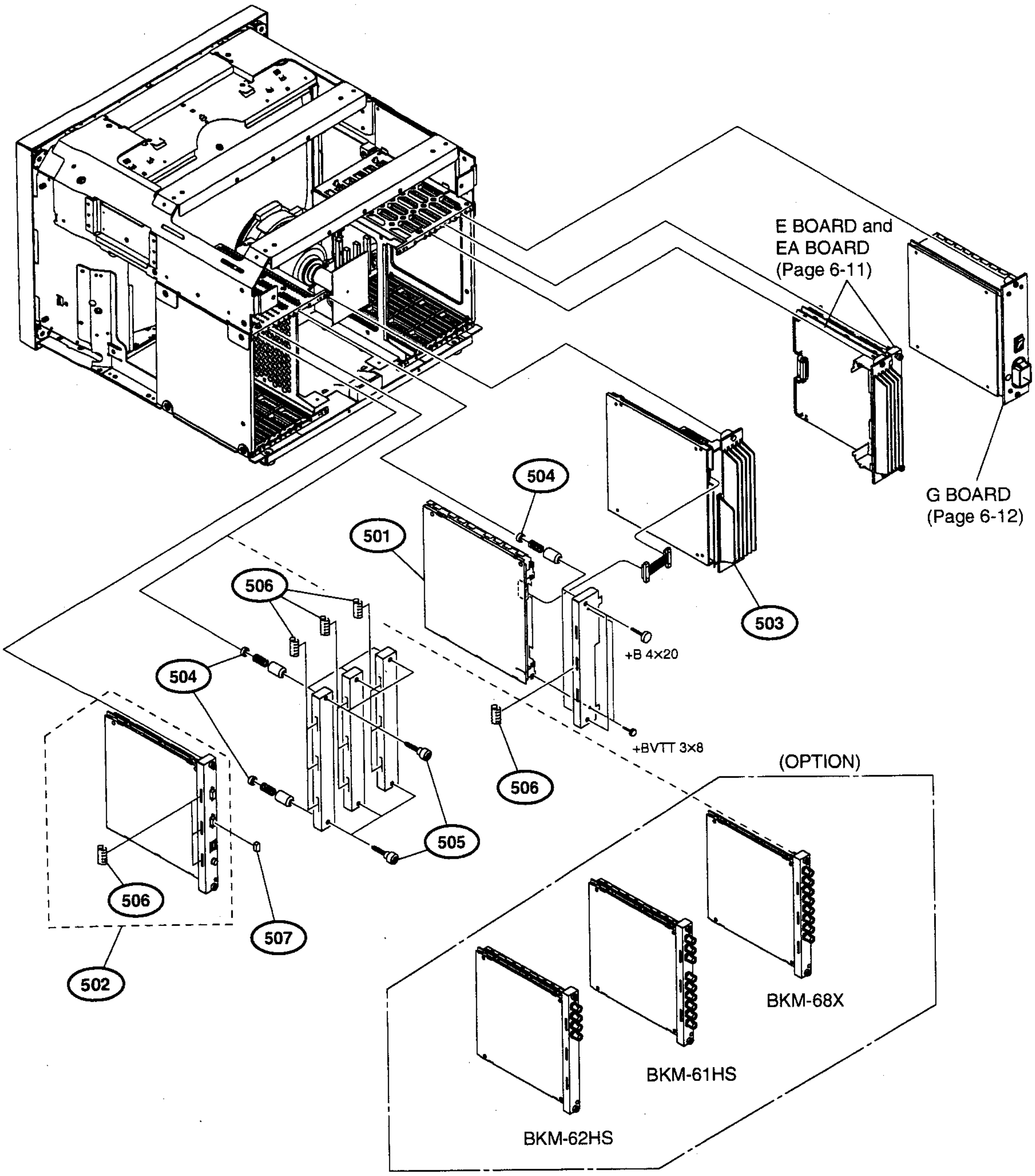
No.	Part No.	SP	Description
301	A-1091-223-A	s	MOUNTED CIRCUIT BOARD, C
302	X-4033-113-5	o	PLATE ASSY, BOTTOM
303	X-4033-117-1	s	FOOT ASSY
305	1-411-657-11	s	COIL, LANDING CORRECTION
306	⚠ 1-411-659-21	s	COIL, DEMAGNETIC
308	4-040-897-01	s	SPACER, DY
309	4-041-021-02	s	HOLDER, DEGAUSS COIL
310	4-303-774-99	s	SPRING
311	4-306-034-00	s	FLANGE NUT (B)(5MM)(STEEL)
312	4-316-015-00	o	HOLDER, WIRE
313	4-348-567-00	s	WASHER (STEEL)
314	4-387-284-01	o	HOLDER, LEAD
315	⚠ 8-451-513-11	s	DY Y20MTD-M
316	8-453-003-11	s	NECK ASSY, NA3012 (M)
317	⚠ 8-737-273-05	s	PICTURE TUBE (20MZ1)(BVM-A20F1M)
	⚠ 8-737-275-05	s	PICTURE TUBE (20MZ1)(BVM-A20F1A)
	⚠ 8-737-271-05	s	PICTURE TUBE (20MZ3)(BVM-A20F1U)
	7-682-665-09	s	SCREW, +PS 4X16
	1-452-032-11		MAGNET, DISC
	4-051-736-23		PIECE A (90), CONV, CORRECT
	4-051-736-42		PIECE A (90), CONV, CORRECT

Cover (24 Inch)


403
406
405
403
+P 3×8
402
404
+PS 3×8
401
403
+PS 3×8
+P 3×8
404
402
403
407

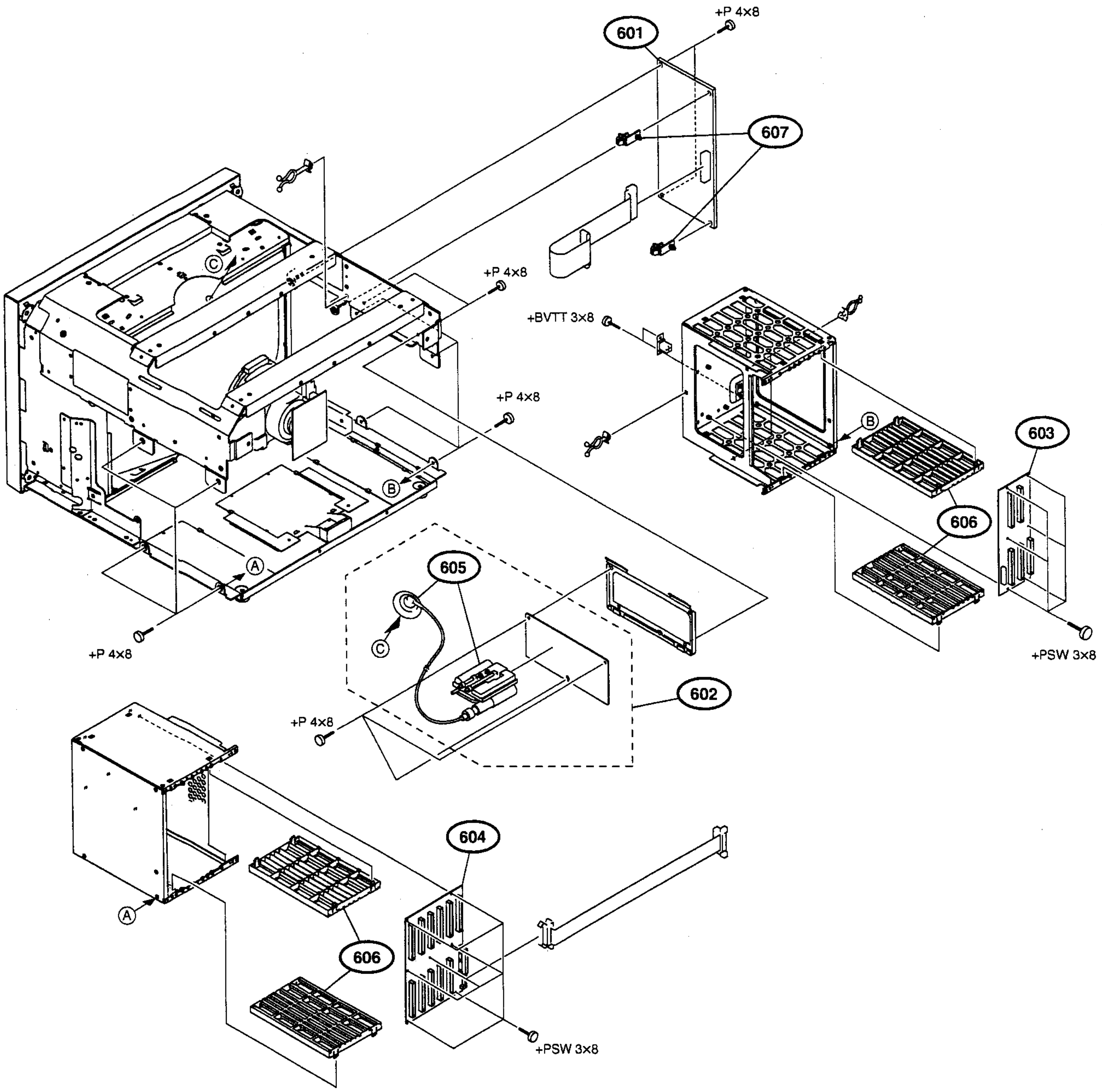
No.	Part No.	SP	Description
401	⚠ X-2059-549-1	s	COVER ASSY, REAR
402	⚠ X-3608-706-1	s	HANDLE ASSY
403	4-063-969-01	s	SCREW (OS), CASE, CLAW
404	⚠ 4-072-136-02	o	BRACKET, HANDLE
405	⚠ 4-072-140-01	o	COVER (L), SIDE
406	⚠ 4-072-141-02	o	COVER, TOP
407	⚠ 4-072-143-01	o	COVER (R), SIDE
	7-682-648-09	s	SCREW, +PS 3X8 (EP-FE/ZNBK/CM2)

Plug in Board (24 Inch


E BOARD and
EA BOARD
(Page 6-11)
G BOARD
(Page 6-12)
504
501
506
503
+B 4×20
504
+BVTT 3×8
506
(OPTION)
505
506
507
502
BKM-68X
BKM-61HS
BKM-62HS

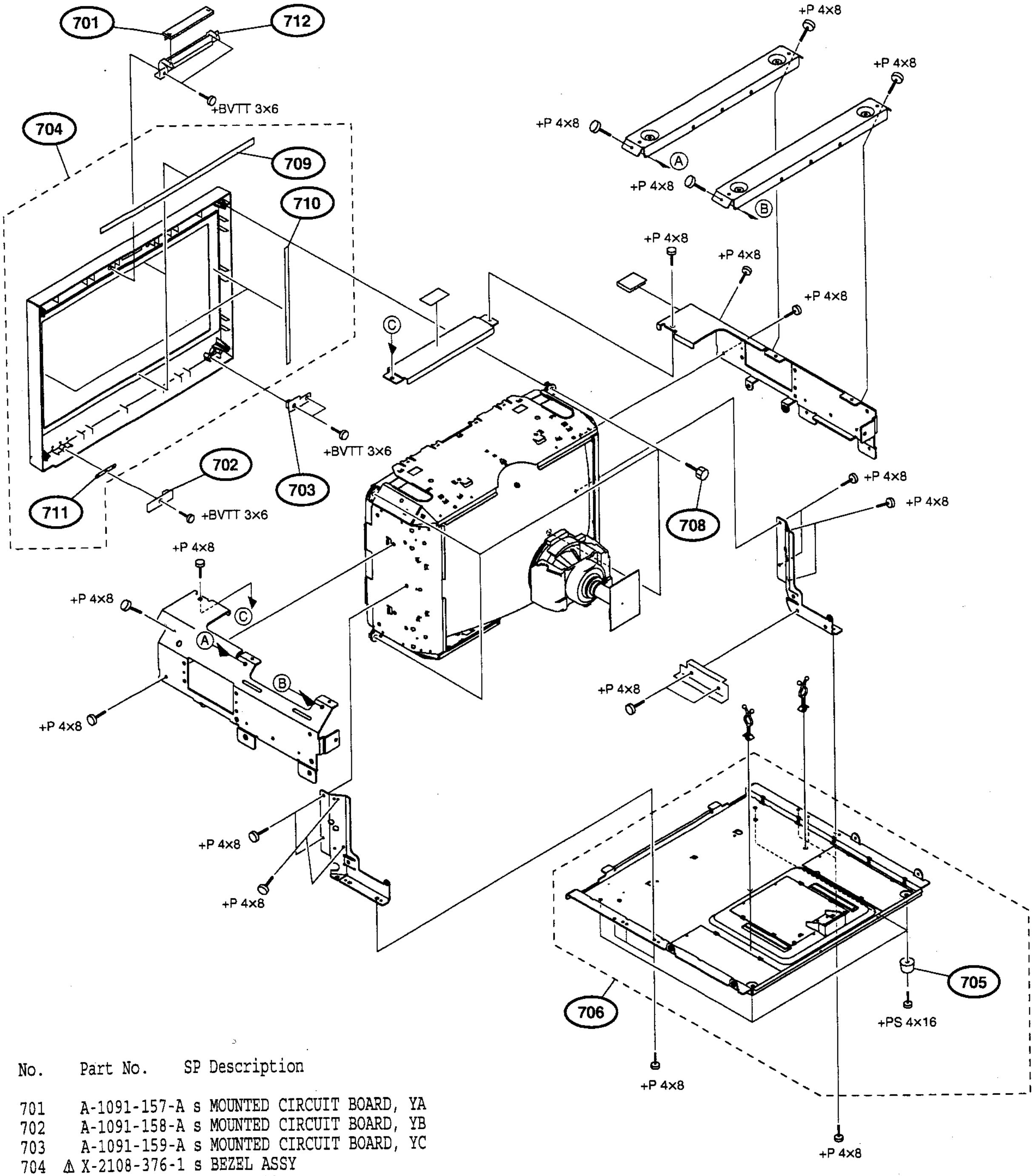
No.	Part No.	SP	Description
501	A-1091-090-A	s	MOUNTED CIRCUIT BOARD, BK
502	A-1171-142-A	s	MOUNTED CIRCUIT BOARD, BC
503	A-1166-053-A	s	MOUNTED CIRCUIT BOARD, CA
504	3-648-057-00	o	NUT (ISO-4) U (STEEL)
505	4-050-804-01	o	SCREW, PANEL STOPPER
506	4-076-108-01	o	FINGER, SHIELD
507	3-673-948-21	s	CAP, DUST
	7-682-566-04	s	SCREW, +B 4X20 (EP-FE/CU, NI, CR)
	7-685-872-09	s	SCREW, +BVTT 3X8 (EP-FE/ZNBK/CM)

A Board and TB Board (24 Inch)


601
+P 4x8
607
+P 4x8
+BVTT 3x8
+P 4x8
603
606
605
602
+P 4x8
+PSW 3x8
+P 4x8
604
606
+PSW 3x8
A
B
C

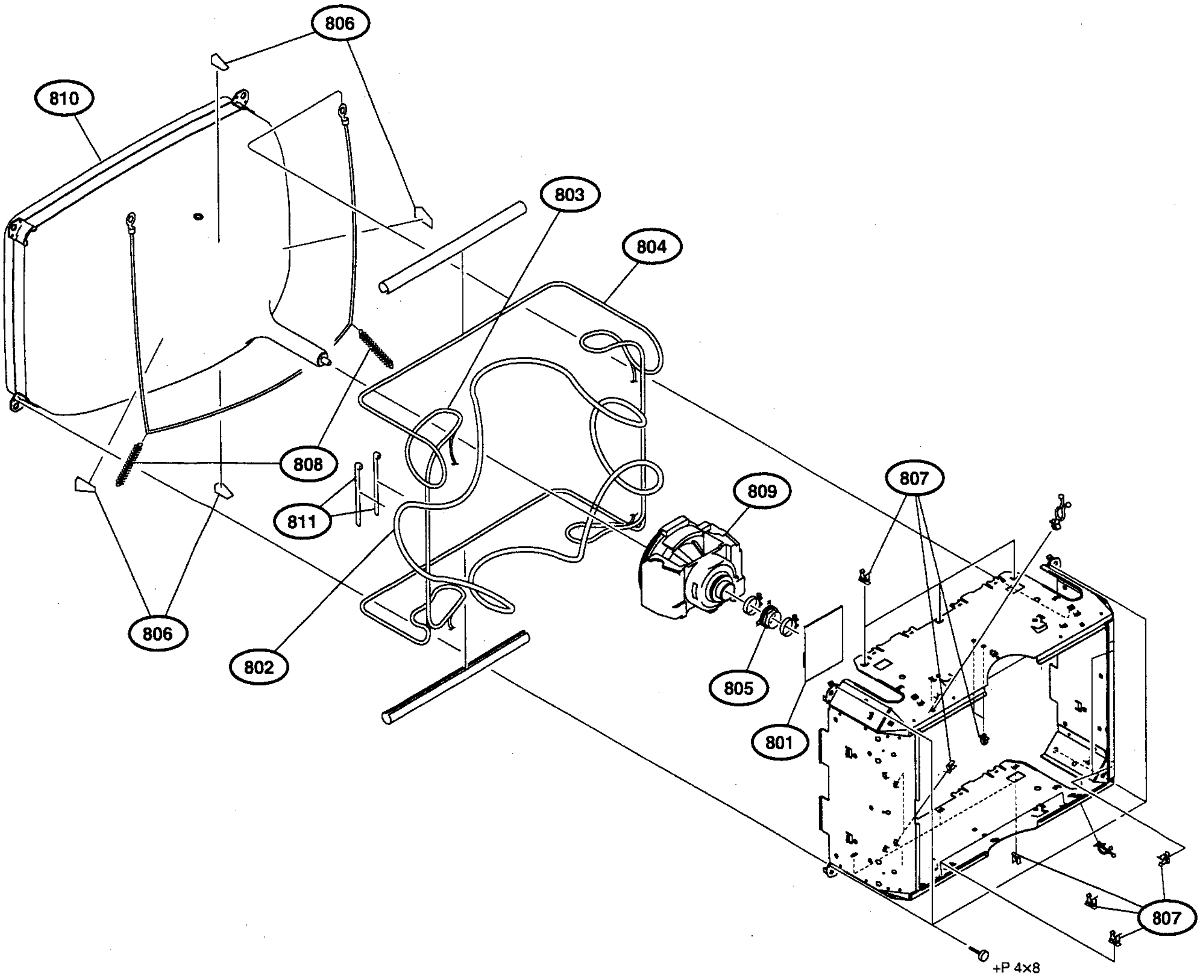
No.	Part No.	SP	Description
601	A-1091-092-A	s	MOUNTED CIRCUIT BOARD, PA
602	A-1134-020-A	s	MOUNTED CIRCUIT BOARD, PC
603	A-1091-180-A	s	MOUNTED CIRCUIT BOARD, TA
604	A-1091-181-A	s	MOUNTED CIRCUIT BOARD, TB
605	⚠ 1-453-474-11	s	R/P FBT ASSY (NX-4505//Q5L4)
606	4-072-145-01	o	RAIL, PWB
607	4-353-620-11	o	HINGE, PC BOARD (PA)
	7-685-872-09	s	SCREW, +BVTT 3X8 (EP-FE/ZNBK/CM)
	7-682-948-01	s	SCREW, +PSW 3X8
	7-682-161-09	s	SCREW, +P 4X8

Chassis (24 Inch


701
712
+BVTT 3x6
704
709
710
702
703
711
+BVTT 3x6
+BVTT 3x6
708
705
706
+PS 4x16
+P 4x8
Ⓐ
Ⓑ
Ⓒ

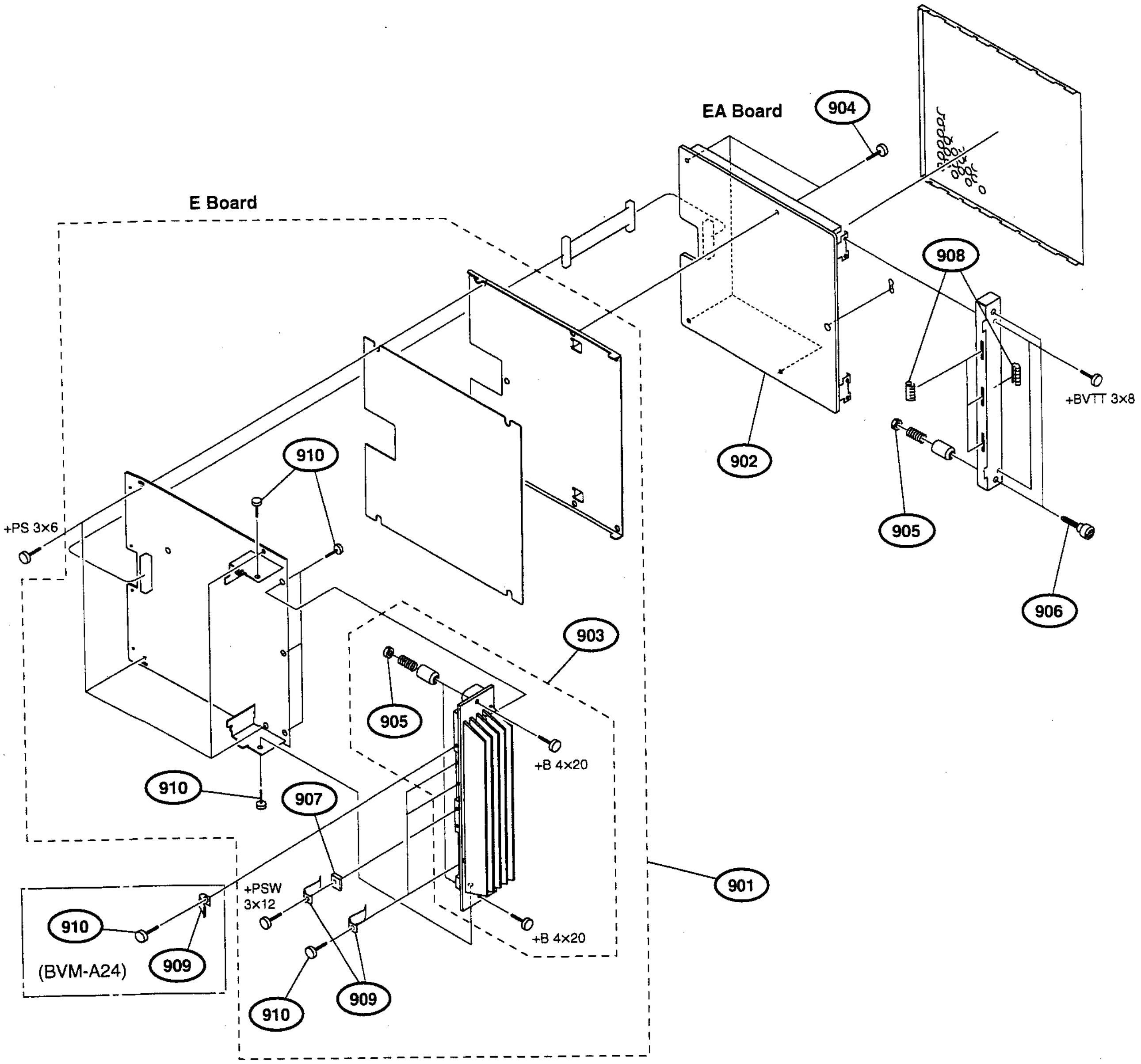
No.	Part No.	SP	Description
701	A-1091-157-A	s	MOUNTED CIRCUIT BOARD, YA
702	A-1091-158-A	s	MOUNTED CIRCUIT BOARD, YB
703	A-1091-159-A	s	MOUNTED CIRCUIT BOARD, YC
704	⚠ X-2108-376-1	s	BEZEL ASSY
705	X-4033-117-1	s	FOOT ASSY
706	X-4037-042-3	o	CABINET ASSY, BOTTOM
708	2-388-232-11	s	BOLT, HEXAGON
709	4-072-119-01	o	SPACER, BEZEL
710	4-072-119-11	o	SPACER, BEZEL
711	4-072-122-01	o	YB PLATE
712	4-072-138-01	o	PLATE, TALLY
	7-682-161-09	s	SCREW, +P 4X8
	7-682-665-09	s	SCREW, +PS 4X16
	7-685-871-01	s	SCREW, +BVTT 3X6

icture Tube (24 Inch)



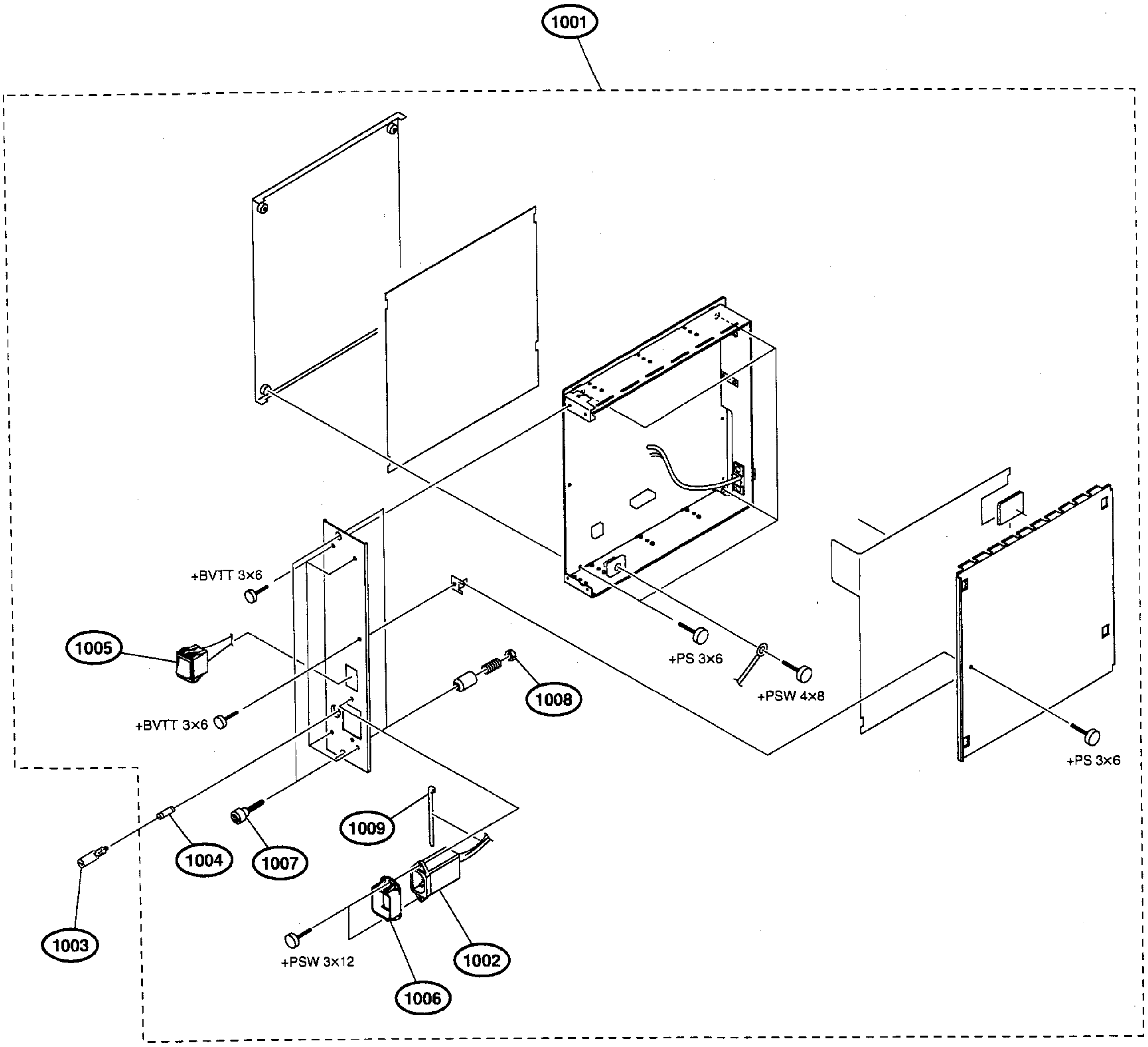
No.	Part No.	SP	Description
801	A-1091-154-A	s	MOUNTED CIRCUIT BOARD, C
802	1-415-968-21	s	COIL, LANDING CORRECTION (NS)
803	1-416-140-12	s	COIL, LANDING CORRECTION
804	⚠ 1-419-316-11	s	COIL, DEGAUSSING
805	1-452-912-32	s	NECK ASSENBLY (NA2914)
806	4-040-897-02	s	SPACER, DY
807	4-041-021-02	s	HOLDER, DEGAUSS COIL
808	4-303-774-03	s	SPRING
809	⚠ 8-451-510-11	s	DY Y24TXD-M
810	⚠ 8-733-005-05	s	PICTURE TUBE (24TX1)(BVM-A24E1WM)
	⚠ 8-733-006-05	s	PICTURE TUBE (24TX3)(BVM-A24E1WU)
	⚠ 8-733-009-05	s	PICTURE TUBE (24TX1)(BVM-A24E1WA)
811	3-701-748-00	s	CLAMP
	7-682-161-09	s	SCREW, +P 4X8
	1-452-032-11		MAGNET, DISC
	4-051-736-23		PIECE A (90), CONV, CORRECT
	4-051-736-42		PIECE A (90), CONV, CORRECT

E Board and EA Boarc


EA Board
904
E Board
908
+BVTT 3x8
902
910
+PS 3x6
905
906
903
905
+B 4x20
910
907
901
+PSW
3x12
910
909
(BVM-A24)
+B 4x20
910
909

No.	Part No.	SP	Description
901	A-1091-305-A	s	MOUNTED CIRCUIT BOARD, E (BVM-A20)
	A-1091-094-A	s	MOUNTED CIRCUIT BOARD, E (BVM-A24)
902	A-1134-024-A	s	MOUNTED CIRCUIT BOARD, EA (BVM-A20)
	A-1173-136-A	s	MOUNTED CIRCUIT BOARD, EA (BVM-A24)
903	X-4033-108-3	o	HEAT SINK ASSY, DEF
904	2-590-972-01	s	SCREW(M3X4), STEP
905	3-648-057-00	o	NUT (ISO-4) U (STEEL)
906	4-050-804-01	o	SCREW, PANEL STOPPER
907	4-072-202-01	o	SPACER
908	4-076-108-01	o	FINGER, SHIELD
909	4-381-905-01	o	SPRING (D)(PLATE)(ST)
910	4-382-854-01	s	SCREW, +PSW M3X8 (EP-FE/ZN/CM2)
	7-682-566-04	s	SCREW, +B 4X20 (EP-FE/CU, NI, CR)
	7-682-647-09	s	SCREW, +PS 3X6 (EP-FE/ZNBK/CM2)
	7-682-950-01	s	SCREW, +PSW 3X12 (EP-FE/ZNBK/CM2)
	7-685-872-01	s	SCREW, +BVTT 3X8 (S)

Board


1001
+BVTT 3×6
1005
+BVTT 3×6
1008
+PS 3×6
+PSW 4×8
+PS 3×6
1009
1004
1007
1003
+PSW 3×12
1002
1006

No.	Part No.	SP	Description
1001	A-1091-093-A	s	MOUNTED CIRCUIT BOARD, G
1002	⚠ 1-251-382-21	s	INLET, AC 3P (WITH NOISE FILTER)
1003	⚠ 1-533-702-11	s	HOLDER, FUSE
1004	⚠ 1-576-231-51	s	FUSE (H.B.C.) (4A.250V)
1005	⚠ 1-762-300-11	s	SWITCH, AC POWER SEESAW
1006	2-990-241-02	s	HOLDER (A), PLUG
1007	4-050-804-01	o	SCREW, PANEL STOPPER
1008	3-648-057-00	o	NUT (ISO-4) U (STEEL)
1009	3-701-748-00	s	CLAMP
	7-682-647-09	s	SCREW, +PS 3X6 (EP-FE/ZNBK/CM2)
	7-682-961-01	s	SCREW, +PSW 4X8
	7-685-871-09	s	SCREW, +BVTT 3X6
	7-682-950-09	s	SCREW, +PSW 3X12 (EP-FE/ZNBK/CM2)

6-3. Electrical Parts List

BC BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1171-142-A	s	MOUNTED CIRCUIT BOARD, BC
2pcs	7-682-647-09	s	SCREW +PS 3X6
2pcs	3-648-057-00	o	NUT (ISO-4), U
3pcs	4-050-804-01	o	SCREW, PANEL STOPPER
2pcs	7-685-872-09	s	SCREW +BVTT 3X8 (S) (PANEL(2))
C011	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C012	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C013	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C014	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C015	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C016	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C017	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C018	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C019	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C020	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C021	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C022	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C023	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C024	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C025	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C026	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C028	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C030	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C031	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C032	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C033	1-162-910-91	s	CAP, CERAMIC 5.0PF CH 1608
C034	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C037	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C039	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C043	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C044	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C045	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C046	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C047	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C048	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C049	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C050	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C051	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C052	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C053	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C054	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C055	1-128-360-21	s	CAP, CHIP CELECT 220MF
C056	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C057	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C100	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C101	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C102	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C103	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C104	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C105	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C106	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C107	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C108	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C109	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C110	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C111	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C112	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C113	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C114	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C115	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C116	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C117	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C118	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C119	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C120	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C121	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C122	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C123	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C129	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C130	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C131	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C132	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C133	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C150	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C151	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C152	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C153	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C154	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C155	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C156	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C157	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C158	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C159	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C160	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C161	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C162	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C163	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C164	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C165	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C166	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C167	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C168	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C169	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C170	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C171	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C172	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C173	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C174	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C175	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C176	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C177	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C178	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C179	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C180	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C181	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C182	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C183	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C184	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C185	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C186	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C187	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C188	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C189	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C190	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C191	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C192	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C193	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C194	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C195	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C196	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C197	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C198	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C199	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C200	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C250	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C251	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C252	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C253	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C254	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C255	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C256	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C257	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C258	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C259	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C260	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C261	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C262	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C263	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C264	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C265	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C266	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C267	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C268	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C269	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C270	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C271	1-107-726-91	s	CAP,CHIP CERAMIC 10000PF B1608
C272	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C273	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C274	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C275	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C276	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C277	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C278	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C279	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C280	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C281	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C282	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C283	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C284	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C290	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C291	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C300	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C301	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C302	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C304	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C305	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C306	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C307	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C308	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C309	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C310	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C311	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C312	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C313	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C314	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C315	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C316	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C317	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C318	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C319	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C320	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C321	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C322	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C323	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C324	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C325	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C326	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C327	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C328	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C329	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C340	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C341	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C342	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C350	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C351	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C352	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C353	1-125-889-91	s	CAP, CHIP CERAMIC 2.2MF B 2012
C354	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C355	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C356	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C357	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C358	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C359	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C360	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C361	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C362	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C363	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C364	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C365	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C366	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C367	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C368	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C369	1-127-820-91	s	CAP, CHIP CERAMIC 4.7MF B 3216
C370	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C371	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C372	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C373	1-165-667-21	s	CAP, ELECT 100MF
C374	1-165-668-21	s	CAP, ELECT 150MF
C375	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C376	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C377	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C378	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C379	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C380	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C381	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C382	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C383	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C384	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C385	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C386	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C387	1-165-585-21	s	CAP, CHIP ELECT 47MF
C388	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C389	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C390	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C391	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C392	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C396	1-126-390-21	s	CAP, CHIP ELECT 22MF (4X5.7)
C398	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C399	1-100-202-21	s	CAP, CHIP ELECT 330MF
C400	1-100-202-21	s	CAP, CHIP ELECT 330MF

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN011	1-774-137-11	s	SOCKET, CONNECTOR 36P
CN150	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN151	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN152	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN153	1-573-566-11	s	CONNECTOR, D-SUB(ANGLE TYPE)9P
CN250	1-815-187-11	s	JACK, MODULAR
CN251	1-784-427-11	s	CONNECTOR, D-SUB (ANGLE TYPE)9
CN350	1-770-469-21	o	PIN, CONNECTOR (PC BOARD) 2P
CN351	1-770-469-21	o	PIN, CONNECTOR (PC BOARD) 2P
D011	8-719-038-07	s	DIODE CL-190PG-CD-T
D012	8-719-038-07	s	DIODE CL-190PG-CD-T
D013	8-719-038-07	s	DIODE CL-190PG-CD-T
D014	6-501-156-01	s	DIODE LB-303DA
D015	8-719-038-07	s	DIODE CL-190PG-CD-T
D154	8-719-037-22	s	DIODE RD12SB-T1
D155	8-719-037-22	s	DIODE RD12SB-T1
D156	8-719-037-22	s	DIODE RD12SB-T1
D157	8-719-037-22	s	DIODE RD12SB-T1
D158	8-719-037-22	s	DIODE RD12SB-T1
D159	8-719-037-22	s	DIODE RD12SB-T1
D160	8-719-036-98	s	DIODE RD6.2SB-T1
D161	8-719-036-98	s	DIODE RD6.2SB-T1
D162	8-719-036-98	s	DIODE RD6.2SB-T1
D163	8-719-036-98	s	DIODE RD6.2SB-T1
D164	8-719-036-98	s	DIODE RD6.2SB-T1
D165	8-719-036-98	s	DIODE RD6.2SB-T1
D166	8-719-036-98	s	DIODE RD6.2SB-T1
D167	8-719-036-98	s	DIODE RD6.2SB-T1
D168	8-719-036-98	s	DIODE RD6.2SB-T1
D251	8-719-037-22	s	DIODE RD12SB-T1
D252	8-719-037-22	s	DIODE RD12SB-T1
D253	8-719-037-22	s	DIODE RD12SB-T1
D254	8-719-037-22	s	DIODE RD12SB-T1
D255	8-719-037-22	s	DIODE RD12SB-T1
D256	8-719-037-22	s	DIODE RD12SB-T1
D257	8-719-037-22	s	DIODE RD12SB-T1
D258	8-719-037-22	s	DIODE RD12SB-T1
D350	8-719-027-76	s	DIODE 1SS357-TPH3
D351	8-719-027-76	s	DIODE 1SS357-TPH3
D352	8-719-073-92	s	DIODE RB060L-40TE25
D353	8-719-073-92	s	DIODE RB060L-40TE25
D354	8-719-404-50	s	DIODE MA111-TX
D355	8-719-404-50	s	DIODE MA111-TX
D356	8-719-404-50	s	DIODE MA111-TX
D357	8-719-404-50	s	DIODE MA111-TX
D358	8-719-036-98	s	DIODE RD6.2SB-T1
D359	8-719-404-50	s	DIODE MA111-TX
D360	8-719-404-50	s	DIODE MA111-TX
D361	8-719-038-07	s	DIODE CL-190PG-CD-T
D362	8-719-404-50	s	DIODE MA111-TX
F350	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F351	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F352	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
FB011	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB012	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB013	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB014	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB015	1-414-864-21	s	FERRITE, EMI (SMD) (1608)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB016	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB017	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB018	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB019	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB020	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB021	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB100	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB101	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB103	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB105	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB106	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB107	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB150	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB151	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB152	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB153	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB154	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB155	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB156	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB157	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB158	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB159	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB160	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB161	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB162	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB163	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB164	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB165	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB166	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB167	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB168	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB169	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB170	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB171	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB250	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB251	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB252	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB253	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB254	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB255	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB256	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB257	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB258	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB259	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB260	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB301	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB302	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB303	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB304	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB305	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB350	1-469-379-21	s	FERRITE, EMI (SMD) (2012)
FB403	1-400-150-21	s	FERRITE, EMI (SMD) (4516)
FL150	1-239-896-22	s	FILTER, EMI (SMD)
FL151	1-239-896-22	s	FILTER, EMI (SMD)
FL152	1-239-896-22	s	FILTER, EMI (SMD)
FL153	1-239-896-22	s	FILTER, EMI (SMD)
FL154	1-239-896-22	s	FILTER, EMI (SMD)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FL155	1-239-896-22	s	FILTER, EMI (SMD)
FL156	1-239-896-22	s	FILTER, EMI (SMD)
FL157	1-239-896-22	s	FILTER, EMI (SMD)
FL158	1-239-896-22	s	FILTER, EMI (SMD)
FL159	1-239-896-22	s	FILTER, EMI (SMD)
FL160	1-239-896-22	s	FILTER, EMI (SMD)
FL161	1-239-896-22	s	FILTER, EMI (SMD)
FL162	1-239-896-22	s	FILTER, EMI (SMD)
FL163	1-239-896-22	s	FILTER, EMI (SMD)
FL164	1-239-896-22	s	FILTER, EMI (SMD)
FL165	1-239-896-22	s	FILTER, EMI (SMD)
FL166	1-239-896-22	s	FILTER, EMI (SMD)
FL167	1-239-896-22	s	FILTER, EMI (SMD)
FL168	1-239-896-22	s	FILTER, EMI (SMD)
FL169	1-239-896-22	s	FILTER, EMI (SMD)
FL170	1-239-896-22	s	FILTER, EMI (SMD)
FL250	1-239-896-22	s	FILTER, EMI (SMD)
FL251	1-239-896-22	s	FILTER, EMI (SMD)
FL252	1-239-896-22	s	FILTER, EMI (SMD)
FL253	1-239-896-22	s	FILTER, EMI (SMD)
IC001	6-704-560-01	s	IC HD6417709SF133BV
IC010	6-708-677-01	s	IC BU4815FVE-TR
IC011	8-759-099-44	s	IC TD62381FG(EL)
IC012	6-708-748-01	s	IC BD4828FVE-TR
IC013	6-709-531-01	s	IC TD62783AFG(5.S.EL)
IC014	8-759-679-54	s	IC SN74LVC14APWR
IC015	6-703-875-01	s	IC CDCVF2505PWR
IC016	8-759-573-97	s	IC SN74LVC541APWR
IC017	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC018	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC100	6-705-755-01	s	IC K4S561632E-UC75T
IC101	6-705-755-01	s	IC K4S561632E-UC75T
IC106	6-707-987-01	s	IC MB85R256PF-G-BNDE1
IC108	6-708-390-01	s	IC SN74AUP1G14DCKR
IC109	6-708-389-01	s	IC SN74AUP1G32DCKR
IC110	6-708-389-01	s	IC SN74AUP1G32DCKR
IC150	6-709-436-01	s	IC LC4128V-5TN100CA1353
IC151	8-759-573-97	s	IC SN74LVC541APWR
IC152	8-759-573-97	s	IC SN74LVC541APWR
IC153	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC154	8-759-573-97	s	IC SN74LVC541APWR
IC155	8-759-573-97	s	IC SN74LVC541APWR
IC156	8-759-679-54	s	IC SN74LVC14APWR
IC157	8-759-679-54	s	IC SN74LVC14APWR
IC158	8-759-679-54	s	IC SN74LVC14APWR
IC159	8-759-679-54	s	IC SN74LVC14APWR
IC160	8-759-573-97	s	IC SN74LVC541APWR
IC161	8-759-573-97	s	IC SN74LVC541APWR
IC162	8-759-679-54	s	IC SN74LVC14APWR
IC163	8-759-679-54	s	IC SN74LVC14APWR
IC164	8-759-573-97	s	IC SN74LVC541APWR
IC165	8-759-679-54	s	IC SN74LVC14APWR
IC166	8-759-679-54	s	IC SN74LVC14APWR
IC167	8-759-679-54	s	IC SN74LVC14APWR
IC168	6-704-722-02	s	IC XC9536XL-5VQG44C
IC250	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC251	6-705-039-01	s	IC 93LC46BT-I/SN
IC253	8-759-429-23	s	IC TL16C550CPT
IC254	6-700-424-01	s	IC MAX3243CDBR
IC255	6-700-424-01	s	IC MAX3243CDBR

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Ref. No. or Q'ty	Part No.	SP	Description
IC256	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC257	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC258	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC301	6-700-387-01	s	IC EPC2LC20N-TP
IC302	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC303	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC310	6-708-748-01	s	IC BD4828FVE-TR
IC311	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC312	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC313	8-759-523-04	s	IC TC74HC4538AFT(EL)
IC350	6-702-510-01	s	IC TPS5120DBTRG4
IC351	6-705-403-01	s	IC PQ070XZ01ZPH
IC352	6-702-295-01	s	IC NJM78M12DL1A-TE1
IC404	6-705-027-01	s	IC BD4840FVE-TR
L350	1-469-848-21	s	INDUCTOR (SMD)
L351	1-469-848-21	s	INDUCTOR (SMD)
L352	1-469-848-21	s	INDUCTOR (SMD)
L353	1-469-848-21	s	INDUCTOR (SMD)
L354	1-469-848-21	s	INDUCTOR (SMD)
Q150	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q151	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q152	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q153	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q351	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q353	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q354	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q356	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q358	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q360	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q362	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q363	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q364	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q365	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q366	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q367	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q382	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q383	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
R011	1-216-829-91	s	RES, CHIP 4.7K (1608)
R012	1-216-833-91	s	RES, CHIP 10K (1608)
R013	1-216-824-91	s	RES, CHIP 1.8K (1608)
R014	1-216-801-91	s	RES, CHIP 22 (1608)
R015	1-216-801-91	s	RES, CHIP 22 (1608)
R016	1-216-824-91	s	RES, CHIP 1.8K (1608)
R017	1-216-829-91	s	RES, CHIP 4.7K (1608)
R018	1-216-824-91	s	RES, CHIP 1.8K (1608)
R019	1-216-833-91	s	RES, CHIP 10K (1608)
R020	1-216-821-91	s	RES, CHIP 1.0K (1608)
R021	1-216-825-91	s	RES, CHIP 2.2K (1608)
R022	1-216-807-91	s	RES, CHIP 68 (1608)
R023	1-216-801-91	s	RES, CHIP 22 (1608)
R024	1-216-824-91	s	RES, CHIP 1.8K (1608)
R025	1-216-801-91	s	RES, CHIP 22 (1608)
R026	1-216-801-91	s	RES, CHIP 22 (1608)
R027	1-216-809-91	s	RES, CHIP 100 (1608)
R028	1-216-805-91	s	RES, CHIP 47 (1608)
R029	1-216-805-91	s	RES, CHIP 47 (1608)
R030	1-216-805-91	s	RES, CHIP 47 (1608)
R031	1-216-805-91	s	RES, CHIP 47 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R032	1-216-803-91	s	RES, CHIP 33 (1608)
R034	1-216-807-91	s	RES, CHIP 68 (1608)
R035	1-216-803-91	s	RES, CHIP 33 (1608)
R036	1-216-803-91	s	RES, CHIP 33 (1608)
R037	1-216-817-91	s	RES, CHIP 470 (1608)
R038	1-216-817-91	s	RES, CHIP 470 (1608)
R039	1-216-817-91	s	RES, CHIP 470 (1608)
R040	1-216-817-91	s	RES, CHIP 470 (1608)
R041	1-216-817-91	s	RES, CHIP 470 (1608)
R042	1-216-817-91	s	RES, CHIP 470 (1608)
R043	1-216-817-91	s	RES, CHIP 470 (1608)
R044	1-216-817-91	s	RES, CHIP 470 (1608)
R045	1-216-825-91	s	RES, CHIP 2.2K (1608)
R046	1-216-825-91	s	RES, CHIP 2.2K (1608)
R047	1-216-825-91	s	RES, CHIP 2.2K (1608)
R049	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R100	1-216-833-91	s	RES, CHIP 10K (1608)
R101	1-216-833-91	s	RES, CHIP 10K (1608)
R102	1-216-833-91	s	RES, CHIP 10K (1608)
R103	1-216-833-91	s	RES, CHIP 10K (1608)
R113	1-216-805-91	s	RES, CHIP 47 (1608)
R114	1-216-805-91	s	RES, CHIP 47 (1608)
R115	1-216-833-91	s	RES, CHIP 10K (1608)
R116	1-216-801-91	s	RES, CHIP 22 (1608)
R151	1-216-833-91	s	RES, CHIP 10K (1608)
R152	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R153	1-216-820-91	s	RES, CHIP 820 (1608)
R154	1-216-823-91	s	RES, CHIP 1.5K (1608)
R155	1-216-819-91	s	RES, CHIP 680 (1608)
R156	1-216-831-91	s	RES, CHIP 6.8K (1608)
R157	1-216-805-91	s	RES, CHIP 47 (1608)
R158	1-216-805-91	s	RES, CHIP 47 (1608)
R159	1-216-805-91	s	RES, CHIP 47 (1608)
R160	1-216-805-91	s	RES, CHIP 47 (1608)
R161	1-216-821-91	s	RES, CHIP 1.0K (1608)
R162	1-216-821-91	s	RES, CHIP 1.0K (1608)
R163	1-216-821-91	s	RES, CHIP 1.0K (1608)
R164	1-216-821-91	s	RES, CHIP 1.0K (1608)
R165	1-216-821-91	s	RES, CHIP 1.0K (1608)
R166	1-216-821-91	s	RES, CHIP 1.0K (1608)
R167	1-216-821-91	s	RES, CHIP 1.0K (1608)
R168	1-216-821-91	s	RES, CHIP 1.0K (1608)
R169	1-216-805-91	s	RES, CHIP 47 (1608)
R171	1-216-805-91	s	RES, CHIP 47 (1608)
R172	1-216-805-91	s	RES, CHIP 47 (1608)
R173	1-216-805-91	s	RES, CHIP 47 (1608)
R174	1-216-805-91	s	RES, CHIP 47 (1608)
R175	1-216-803-91	s	RES, CHIP 33 (1608)
R176	1-216-803-91	s	RES, CHIP 33 (1608)
R177	1-216-805-91	s	RES, CHIP 47 (1608)
R178	1-216-805-91	s	RES, CHIP 47 (1608)
R179	1-216-805-91	s	RES, CHIP 47 (1608)
R180	1-216-833-91	s	RES, CHIP 10K (1608)
R181	1-216-829-91	s	RES, CHIP 4.7K (1608)
R182	1-216-833-91	s	RES, CHIP 10K (1608)
R183	1-216-833-91	s	RES, CHIP 10K (1608)
R184	1-216-803-91	s	RES, CHIP 33 (1608)
R185	1-216-803-91	s	RES, CHIP 33 (1608)
R186	1-216-803-91	s	RES, CHIP 33 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R187	1-216-803-91	s	RES, CHIP 33 (1608)
R188	1-216-825-91	s	RES, CHIP 2.2K (1608)
R189	1-216-825-91	s	RES, CHIP 2.2K (1608)
R190	1-216-825-91	s	RES, CHIP 2.2K (1608)
R191	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R192	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R193	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R194	1-216-807-91	s	RES, CHIP 68 (1608)
R195	1-216-807-91	s	RES, CHIP 68 (1608)
R196	1-216-807-91	s	RES, CHIP 68 (1608)
R197	1-216-807-91	s	RES, CHIP 68 (1608)
R198	1-216-807-91	s	RES, CHIP 68 (1608)
R199	1-216-807-91	s	RES, CHIP 68 (1608)
R200	1-216-807-91	s	RES, CHIP 68 (1608)
R201	1-216-807-91	s	RES, CHIP 68 (1608)
R202	1-216-807-91	s	RES, CHIP 68 (1608)
R203	1-216-807-91	s	RES, CHIP 68 (1608)
R204	1-216-807-91	s	RES, CHIP 68 (1608)
R205	1-216-807-91	s	RES, CHIP 68 (1608)
R206	1-216-807-91	s	RES, CHIP 68 (1608)
R207	1-216-807-91	s	RES, CHIP 68 (1608)
R208	1-216-807-91	s	RES, CHIP 68 (1608)
R209	1-216-807-91	s	RES, CHIP 68 (1608)
R210	1-216-807-91	s	RES, CHIP 68 (1608)
R211	1-216-807-91	s	RES, CHIP 68 (1608)
R212	1-216-807-91	s	RES, CHIP 68 (1608)
R213	1-216-812-91	s	RES, CHIP 180 (1608)
R214	1-216-812-91	s	RES, CHIP 180 (1608)
R215	1-216-812-91	s	RES, CHIP 180 (1608)
R216	1-216-812-91	s	RES, CHIP 180 (1608)
R217	1-216-812-91	s	RES, CHIP 180 (1608)
R218	1-216-812-91	s	RES, CHIP 180 (1608)
R219	1-216-812-91	s	RES, CHIP 180 (1608)
R220	1-216-812-91	s	RES, CHIP 180 (1608)
R250	1-216-809-91	s	RES, CHIP 100 (1608)
R251	1-216-801-91	s	RES, CHIP 22 (1608)
R252	1-216-801-91	s	RES, CHIP 22 (1608)
R257	1-218-872-91	s	RES, CHIP 11K (1608)
R258	1-216-809-91	s	RES, CHIP 100 (1608)
R259	1-216-799-91	s	RES, CHIP 15 (1608)
R260	1-216-797-91	s	RES, CHIP 10 (1608)
R261	1-216-809-91	s	RES, CHIP 100 (1608)
R262	1-216-799-91	s	RES, CHIP 15 (1608)
R263	1-216-797-91	s	RES, CHIP 10 (1608)
R264	1-216-809-91	s	RES, CHIP 100 (1608)
R265	1-216-797-91	s	RES, CHIP 10 (1608)
R266	1-216-797-91	s	RES, CHIP 10 (1608)
R267	1-216-809-91	s	RES, CHIP 100 (1608)
R268	1-216-799-91	s	RES, CHIP 15 (1608)
R269	1-216-799-91	s	RES, CHIP 15 (1608)
R270	1-216-801-91	s	RES, CHIP 22 (1608)
R272	1-216-833-91	s	RES, CHIP 10K (1608)
R274	1-216-801-91	s	RES, CHIP 22 (1608)
R275	1-216-833-91	s	RES, CHIP 10K (1608)
R276	1-216-817-91	s	RES, CHIP 470 (1608)
R277	1-216-817-91	s	RES, CHIP 470 (1608)
R278	1-216-833-91	s	RES, CHIP 10K (1608)
R279	1-216-833-91	s	RES, CHIP 10K (1608)
R280	1-216-809-91	s	RES, CHIP 100 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R281	1-216-809-91	s	RES, CHIP 100 (1608)
R282	1-216-833-91	s	RES, CHIP 10K (1608)
R283	1-216-833-91	s	RES, CHIP 10K (1608)
R284	1-216-809-91	s	RES, CHIP 100 (1608)
R285	1-216-809-91	s	RES, CHIP 100 (1608)
R286	1-216-801-91	s	RES, CHIP 22 (1608)
R287	1-216-809-91	s	RES, CHIP 100 (1608)
R288	1-216-833-91	s	RES, CHIP 10K (1608)
R289	1-216-833-91	s	RES, CHIP 10K (1608)
R290	1-216-833-91	s	RES, CHIP 10K (1608)
R291	1-216-833-91	s	RES, CHIP 10K (1608)
R292	1-216-833-91	s	RES, CHIP 10K (1608)
R293	1-216-809-91	s	RES, CHIP 100 (1608)
R294	1-216-809-91	s	RES, CHIP 100 (1608)
R295	1-216-809-91	s	RES, CHIP 100 (1608)
R296	1-216-821-91	s	RES, CHIP 1.0K (1608)
R297	1-216-809-91	s	RES, CHIP 100 (1608)
R298	1-216-809-91	s	RES, CHIP 100 (1608)
R300	1-216-833-91	s	RES, CHIP 10K (1608)
R301	1-216-833-91	s	RES, CHIP 10K (1608)
R302	1-216-833-91	s	RES, CHIP 10K (1608)
R303	1-216-833-91	s	RES, CHIP 10K (1608)
R304	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R305	1-216-833-91	s	RES, CHIP 10K (1608)
R306	1-216-833-91	s	RES, CHIP 10K (1608)
R307	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R308	1-216-829-91	s	RES, CHIP 4.7K (1608)
R309	1-216-833-91	s	RES, CHIP 10K (1608)
R311	1-218-847-91	s	RES, CHIP 1.0K (1608)
R312	1-218-830-91	s	RES, CHIP 200 (1608)
R333	1-216-833-91	s	RES, CHIP 10K (1608)
R334	1-216-821-91	s	RES, CHIP 1.0K (1608)
R335	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R336	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R337	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R338	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R350	1-218-917-91	s	RES, CHIP 820K (1608)
R351	1-218-877-91	s	RES, CHIP 18K (1608)
R352	1-218-867-91	s	RES, CHIP 6.8K (1608)
R353	1-218-901-91	s	RES, CHIP 180K (1608)
R354	1-216-837-91	s	RES, CHIP 22K (1608)
R355	1-218-873-91	s	RES, CHIP 12K (1608)
R356	1-216-833-91	s	RES, CHIP 10K (1608)
R357	1-216-833-91	s	RES, CHIP 10K (1608)
R358	1-216-833-91	s	RES, CHIP 10K (1608)
R360	1-216-821-91	s	RES, CHIP 1.0K (1608)
R361	1-218-849-91	s	RES, CHIP 1.2K (1608)
R362	1-218-875-91	s	RES, CHIP 15K (1608)
R363	1-218-861-91	s	RES, CHIP 3.9K (1608)
R364	1-218-875-91	s	RES, CHIP 15K (1608)
R365	1-218-863-91	s	RES, CHIP 4.7K (1608)
R366	1-216-833-91	s	RES, CHIP 10K (1608)
R367	1-216-833-91	s	RES, CHIP 10K (1608)
R368	1-216-793-91	s	RES, CHIP 4.7 (1608)
R369	1-216-793-91	s	RES, CHIP 4.7 (1608)
R370	1-218-863-91	s	RES, CHIP 4.7K (1608)
R371	1-216-809-91	s	RES, CHIP 100 (1608)
R372	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R373	1-218-871-91	s	RES, CHIP 10K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R374	1-218-895-91	s	RES, CHIP 100K (1608)
R375	1-218-833-91	s	RES, CHIP 270 (1608)
R376	1-218-865-91	s	RES, CHIP 5.6K (1608)
R377	1-216-833-91	s	RES, CHIP 10K (1608)
R378	1-216-833-91	s	RES, CHIP 10K (1608)
R380	1-216-826-91	s	RES, CHIP 2.7K (1608)
R391	1-216-845-91	s	RES, CHIP 100K (1608)
R393	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R394	1-216-815-91	s	RES, CHIP 330 (1608)
R395	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R452	1-216-801-91	s	RES, CHIP 22 (1608)
R477	1-216-809-91	s	RES, CHIP 100 (1608)
R480	1-216-809-91	s	RES, CHIP 100 (1608)
R482	1-216-801-91	s	RES, CHIP 22 (1608)
R483	1-216-801-91	s	RES, CHIP 22 (1608)
R486	1-216-809-91	s	RES, CHIP 100 (1608)
R487	1-216-809-91	s	RES, CHIP 100 (1608)
R488	1-216-801-91	s	RES, CHIP 22 (1608)
R489	1-216-801-91	s	RES, CHIP 22 (1608)
R490	1-216-801-91	s	RES, CHIP 22 (1608)
R491	1-216-809-91	s	RES, CHIP 100 (1608)
R492	1-216-801-91	s	RES, CHIP 22 (1608)
R493	1-216-801-91	s	RES, CHIP 22 (1608)
R494	1-216-801-91	s	RES, CHIP 22 (1608)
R495	1-216-801-91	s	RES, CHIP 22 (1608)
R496	1-216-801-91	s	RES, CHIP 22 (1608)
R497	1-216-809-91	s	RES, CHIP 100 (1608)
R498	1-216-801-91	s	RES, CHIP 22 (1608)
R499	1-216-801-91	s	RES, CHIP 22 (1608)
R500	1-216-801-91	s	RES, CHIP 22 (1608)
R501	1-216-801-91	s	RES, CHIP 22 (1608)
R502	1-216-801-91	s	RES, CHIP 22 (1608)
R503	1-216-801-91	s	RES, CHIP 22 (1608)
R504	1-216-801-91	s	RES, CHIP 22 (1608)
R505	1-216-801-91	s	RES, CHIP 22 (1608)
R506	1-216-801-91	s	RES, CHIP 22 (1608)
R507	1-216-797-91	s	RES, CHIP 10 (1608)
R509	1-216-809-91	s	RES, CHIP 100 (1608)
R510	1-216-809-91	s	RES, CHIP 100 (1608)
R511	1-216-801-91	s	RES, CHIP 22 (1608)
R512	1-216-809-91	s	RES, CHIP 100 (1608)
R513	1-216-833-91	s	RES, CHIP 10K (1608)
R514	1-216-797-91	s	RES, CHIP 10 (1608)
R515	1-216-809-91	s	RES, CHIP 100 (1608)
R524	1-216-809-91	s	RES, CHIP 100 (1608)
R529	1-216-801-91	s	RES, CHIP 22 (1608)
R530	1-216-801-91	s	RES, CHIP 22 (1608)
R531	1-216-801-91	s	RES, CHIP 22 (1608)
R532	1-216-809-91	s	RES, CHIP 100 (1608)
R533	1-216-801-91	s	RES, CHIP 22 (1608)
R534	1-216-801-91	s	RES, CHIP 22 (1608)
R535	1-216-801-91	s	RES, CHIP 22 (1608)
R536	1-216-801-91	s	RES, CHIP 22 (1608)
R537	1-216-801-91	s	RES, CHIP 22 (1608)
R538	1-216-801-91	s	RES, CHIP 22 (1608)
R539	1-216-801-91	s	RES, CHIP 22 (1608)
R540	1-216-801-91	s	RES, CHIP 22 (1608)
R541	1-216-807-91	s	RES, CHIP 68 (1608)
R542	1-216-801-91	s	RES, CHIP 22 (1608)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R567	1-216-801-91	s	RES, CHIP 22 (1608)
R568	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R569	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R570	1-216-805-91	s	RES, CHIP 47 (1608)
R571	1-216-805-91	s	RES, CHIP 47 (1608)
R572	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R573	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R575	1-216-809-91	s	RES, CHIP 100 (1608)
R576	1-216-809-91	s	RES, CHIP 100 (1608)
R578	1-218-855-91	s	RES, CHIP 2.2K (1608)
R579	1-216-801-91	s	RES, CHIP 22 (1608)
R580	1-216-801-91	s	RES, CHIP 22 (1608)
R581	1-216-801-91	s	RES, CHIP 22 (1608)
R582	1-216-801-91	s	RES, CHIP 22 (1608)
R591	1-216-801-91	s	RES, CHIP 22 (1608)
R592	1-216-821-91	s	RES, CHIP 1.0K (1608)
R593	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R594	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R595	1-216-821-91	s	RES, CHIP 1.0K (1608)
R596	1-216-812-91	s	RES, CHIP 180 (1608)
R597	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R598	1-216-812-91	s	RES, CHIP 180 (1608)
R599	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R600	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R601	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R602	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R603	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R604	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R605	1-216-809-91	s	RES, CHIP 100 (1608)
R606	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R607	1-216-809-91	s	RES, CHIP 100 (1608)
R608	1-216-812-91	s	RES, CHIP 180 (1608)
RB011	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB012	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB013	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB014	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB015	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB016	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB017	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB018	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB019	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB020	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB021	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB022	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB023	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB024	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB025	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB026	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB027	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB028	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB029	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB030	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB031	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB032	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB033	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB035	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB036	1-234-370-21	s	RES, NETWORK 22 (1005X4)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB037	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB038	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB039	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB040	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB041	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB042	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB043	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB044	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB045	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB046	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB047	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB048	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB049	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB050	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB051	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB052	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB053	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB054	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB055	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB056	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB057	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB058	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB059	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB060	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB061	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB062	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB151	1-233-810-21	s	RES, NETWORK 100K (3216)
RB152	1-233-810-21	s	RES, NETWORK 100K (3216)
RB153	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB154	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB155	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB156	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB157	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB158	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB159	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB160	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB161	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB162	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB163	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB164	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB165	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB166	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB167	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB168	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB169	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB170	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB171	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB172	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB173	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB174	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB175	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB176	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB177	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB250	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB251	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB252	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB300	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB301	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB302	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB303	1-234-371-21	s	RES, NETWORK 47 (1005X4)

(BC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB304	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB305	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB601	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB605	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB606	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB614	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB615	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB616	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB617	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB618	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB619	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB620	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB621	1-234-702-21	s	RES, NETWORK 68 (1005X4)
RB625	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB626	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB627	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB628	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB629	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB630	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB631	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB632	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB633	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB634	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB635	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RY301	1-755-145-21	s	RELAY
S201	1-554-123-11	s	SWITCH, SLIDE
TP001	1-535-877-22	s	CHIP, CHECKER
TP007	1-535-877-22	s	CHIP, CHECKER
TP008	1-535-877-22	s	CHIP, CHECKER
TP011	1-535-877-22	s	CHIP, CHECKER
TP150	1-535-877-22	s	CHIP, CHECKER
TP151	1-535-877-22	s	CHIP, CHECKER
TP152	1-535-877-22	s	CHIP, CHECKER
TP250	1-535-877-22	s	CHIP, CHECKER
TP251	1-535-877-22	s	CHIP, CHECKER
TP300	1-535-877-22	s	CHIP, CHECKER
TP302	1-535-877-22	s	CHIP, CHECKER
TP306	1-535-877-22	s	CHIP, CHECKER
TP307	1-535-877-22	s	CHIP, CHECKER
TP308	1-535-877-22	s	CHIP, CHECKER
TP309	1-535-877-22	s	CHIP, CHECKER
TP350	1-535-877-22	s	CHIP, CHECKER
TP351	1-535-877-22	s	CHIP, CHECKER
TP352	1-535-877-22	s	CHIP, CHECKER
TP353	1-535-877-22	s	CHIP, CHECKER
TP354	1-535-877-22	s	CHIP, CHECKER
X011	1-813-143-11	s	OSCILLATOR, CRYSTAL
X012	1-781-829-22	s	OSCILLATOR, CRYSTAL (SMD)
X250	1-795-983-11	s	OSCILLATOR, CRYSTAL
X251	1-813-143-11	s	OSCILLATOR, CRYSTAL

BK BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-090-A	s	MOUNTED CIRCUIT BOARD, BK
5pcs	7-682-647-09	s	SCREW +PS 3X6 (SHIELD (5))
C001	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C002	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C003	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C004	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C005	1-100-202-21	s	CAP, CHIP ELECT 330MF
C006	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C007	1-115-670-21	s	CAP, CHIP TYPE ELECT 220MF
C008	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C009	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C010	1-115-670-21	s	CAP, CHIP TYPE ELECT 220MF
C011	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C012	1-100-202-21	s	CAP, CHIP ELECT 330MF
C013	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C014	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C015	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C016	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C017	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C018	1-100-202-21	s	CAP, CHIP ELECT 330MF
C019	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C020	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C021	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C022	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C023	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C024	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C025	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C026	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C027	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C028	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C029	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C030	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C040	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C041	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C042	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C043	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C044	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C045	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C046	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C047	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C048	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C049	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C050	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C051	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C052	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C053	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C054	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C055	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C056	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C057	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C058	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C060	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C061	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C062	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C063	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C064	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C065	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C066	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C067	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C068	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C069	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C070	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C071	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C072	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C100	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C101	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C102	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C103	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C104	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C105	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C106	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C107	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C108	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C109	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C110	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C111	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C112	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C113	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C114	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C115	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C116	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C117	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C120	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C121	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C122	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C123	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C124	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C125	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C126	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C127	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C128	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C129	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C130	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C131	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C132	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C133	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C134	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C135	1-100-202-21	s	CAP, CHIP ELECT 330MF
C136	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C137	1-162-918-91	s	CAP, CERAMIC 18PF CH 1608
C150	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C151	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C152	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C153	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C154	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C155	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C156	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C157	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C158	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C159	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C160	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C161	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C162	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C163	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C164	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C165	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C166	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C167	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C168	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C169	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C200	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C201	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C202	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C203	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C204	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C205	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C206	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C207	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C208	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C209	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C210	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C211	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C212	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C213	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C214	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C220	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C221	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C300	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C301	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C302	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C303	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C304	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C305	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C306	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C307	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C308	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C309	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C310	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C311	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C312	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C313	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C314	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C315	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C316	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C317	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C320	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C321	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C322	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C323	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C324	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C325	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C326	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C327	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C328	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C329	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C330	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C331	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C332	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C333	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C334	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C335	1-100-202-21	s	CAP, CHIP ELECT 330MF
C336	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C337	1-162-918-91	s	CAP, CERAMIC 18PF CH 1608
C350	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C351	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C352	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C353	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C354	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C355	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C356	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C357	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C358	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C359	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C360	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C361	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C362	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C363	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C364	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C365	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C366	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C367	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C368	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C400	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C401	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C402	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C404	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C405	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C406	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C407	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C408	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C409	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C410	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C411	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C412	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C413	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C414	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C420	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C421	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C422	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C500	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C501	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C502	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C503	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C504	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C505	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C506	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C507	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C508	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C509	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C510	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C511	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C512	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C513	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C514	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C515	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C516	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C517	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C520	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C521	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C522	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C523	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C524	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C525	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C526	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C527	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C528	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C529	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C530	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C531	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C532	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C533	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C536	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C537	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C538	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C539	1-100-202-21	s	CAP, CHIP ELECT 330MF
C541	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C543	1-162-918-91	s	CAP, CERAMIC 18PF CH 1608
C550	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C551	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C552	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C553	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C554	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C555	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C556	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C557	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C558	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C559	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C560	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C561	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C562	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C563	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C564	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C565	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C566	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C567	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C568	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C600	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C601	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C602	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C603	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C604	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C605	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C606	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C607	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C608	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C609	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C610	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C611	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C612	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C613	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C614	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C615	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C616	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C617	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C618	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C619	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C620	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C650	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C651	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C652	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C653	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C654	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C655	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C656	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C657	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C658	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C700	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C701	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C702	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C703	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C704	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C705	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C706	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C707	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C708	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C709	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C710	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C711	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C712	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C713	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C714	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C715	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C716	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C717	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C718	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C719	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C720	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C721	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C722	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C723	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C724	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C725	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C726	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C727	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C740	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C741	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C742	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C743	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C744	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C745	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C746	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C747	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C748	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C749	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C750	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C753	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C754	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C755	1-165-908-91	s	CAP, CERAMIC 1000000PF B 1608
C756	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C757	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C758	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C759	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C761	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C762	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C763	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C764	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C765	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C766	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C767	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C768	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C769	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C770	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C771	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C772	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C773	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C774	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C775	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C776	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C777	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C778	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C779	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C780	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C781	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C782	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C783	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C800	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C801	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C802	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C803	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C804	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C805	1-125-838-91	s	CAP, CHIP CERAMIC2.2MF B(2012)
C806	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C807	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C808	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C809	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C810	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C811	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C812	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C813	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C814	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C815	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C816	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C817	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C818	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C819	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C820	1-127-820-91	s	CAP, CHIP CERAMIC 4.7MF B 3216
C821	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C822	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C823	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C824	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C825	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C826	1-165-667-21	s	CAP, ELECT 100MF
C827	1-165-668-21	s	CAP, ELECT 150MF
C829	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C831	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C832	1-100-202-21	s	CAP, CHIP ELECT 330MF
C833	1-100-202-21	s	CAP, CHIP ELECT 330MF
C834	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C835	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)
C836	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C837	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C838	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C839	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C840	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C900	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C901	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C902	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C903	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C904	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C905	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C906	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C907	1-128-590-21	s	CAP, CHIP ELECT 100MF

Ref. No. or Q'ty	Part No.	SP	Description
C908	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C909	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C910	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C911	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C912	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C913	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C914	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C915	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C916	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C917	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C918	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C919	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C920	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C921	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C922	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C923	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C924	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C925	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C926	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C927	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C928	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C929	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C930	1-128-590-21	s	CAP, CHIP ELECT 100MF
C931	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C932	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C933	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C934	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C935	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C936	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C937	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C940	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C941	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C942	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C943	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C944	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C945	1-165-908-91	s	CAP, CERAMIC 1000000PF B 1608
C946	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C947	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C948	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C949	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C950	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C951	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C952	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C953	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C954	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C955	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C956	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C957	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C959	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C960	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C961	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C962	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C963	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C964	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C967	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C968	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C969	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C970	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C971	1-165-908-91	s	CAP, CERAMIC 1000000PF B 1608

Ref. No. or Q'ty	Part No.	SP	Description
C972	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C973	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C974	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C975	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C976	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C977	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C978	1-126-390-21	s	CAP, CHIP ELECT 22MF (4X5.7)
C979	1-126-390-21	s	CAP, CHIP ELECT 22MF (4X5.7)
C1000	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C1001	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C1002	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1003	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C1004	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1005	1-125-838-91	s	CAP, CHIP CERAMIC2.2MF B(2012)
C1006	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1007	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C1008	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C1009	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C1010	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C1011	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C1012	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C1013	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C1014	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1015	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1016	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1017	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1018	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C1019	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1020	1-127-820-91	s	CAP, CHIP CERAMIC 4.7MF B 3216
C1021	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C1022	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1023	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1024	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C1025	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C1026	1-165-667-21	s	CAP, ELECT 100MF
C1027	1-165-668-21	s	CAP, ELECT 150MF
C1029	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C1031	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1032	1-100-202-21	s	CAP, CHIP ELECT 330MF
C1033	1-100-202-21	s	CAP, CHIP ELECT 330MF
C1034	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1035	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)
C1036	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1037	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1038	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1039	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1099	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1100	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1101	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1102	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1103	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1104	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1105	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1106	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1107	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1108	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1109	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1110	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1111	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C1112	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1113	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1114	1-100-202-21	s	CAP, CHIP ELECT 330MF
C1117	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1118	1-162-916-91	s	CAP, CERAMIC 12PF CH 1608
C1119	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1141	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C1143	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1144	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1145	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1146	1-164-388-91	s	CAP, CERAMIC 270PF CH 1608
C1147	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C1149	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1150	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1151	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1170	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1171	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1172	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1173	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1174	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1175	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1176	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1177	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1178	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1179	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1180	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1181	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1182	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1183	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1184	1-100-163-91	s	CAP, CHIP CERAM 0.33MF B(2012)
C1185	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1186	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1187	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1188	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1189	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1190	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1191	1-162-924-91	s	CAP, CERAMIC 56PF CH 1608
C1192	1-162-920-91	s	CAP, CERAMIC 27PF CH 1608
C1193	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1194	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1195	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1196	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1197	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1198	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1199	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1300	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1301	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1302	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1303	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1304	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1305	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1306	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1307	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1308	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1309	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1310	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1311	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1312	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1313	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B

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Ref. No. or Q'ty	Part No.	SP	Description
C1314	1-162-916-91	s	CAP, CERAMIC 12PF CH 1608
C1315	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1317	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1318	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1319	1-100-202-21	s	CAP, CHIP ELECT 330MF
C1340	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C1341	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1342	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1343	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1344	1-164-388-91	s	CAP, CERAMIC 270PF CH 1608
C1345	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C1346	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1347	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1348	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1370	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1371	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1372	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1373	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1374	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1375	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1376	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1377	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1378	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1379	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1380	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1381	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1382	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1383	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1384	1-100-163-91	s	CAP, CHIP CERAM 0.33MF B(2012)
C1385	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1386	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1387	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1388	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1389	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1390	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1391	1-162-924-91	s	CAP, CERAMIC 56PF CH 1608
C1392	1-162-920-91	s	CAP, CERAMIC 27PF CH 1608
C1393	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1394	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1395	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1396	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1397	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1398	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1399	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1500	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1501	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1502	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1503	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1504	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1505	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1506	1-126-392-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1507	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1508	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1509	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1510	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1511	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1512	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1513	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1514	1-162-916-91	s	CAP, CERAMIC 12PF CH 1608

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C1515	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1517	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1518	1-162-922-91	s	CAP, CERAMIC 39PF CH 1608
C1519	1-100-202-21	s	CAP, CHIP ELECT 330MF
C1540	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C1541	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1542	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1543	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1544	1-164-388-91	s	CAP, CERAMIC 270PF CH 1608
C1545	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C1546	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1547	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1548	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1570	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1571	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1572	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1573	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1574	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1575	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1576	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1577	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1578	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C1579	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1580	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1581	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1582	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1583	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1584	1-100-163-91	s	CAP, CHIP CERAM 0.33MF B(2012)
C1585	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1586	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1587	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1588	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1589	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1590	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1591	1-162-924-91	s	CAP, CERAMIC 56PF CH 1608
C1592	1-162-920-91	s	CAP, CERAMIC 27PF CH 1608
C1593	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1594	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1595	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1596	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1597	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1598	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1599	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1700	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1701	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1702	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1703	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1704	1-162-915-91	s	CAP, CERAMIC 10PF CH 1608
C1705	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1706	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1707	1-164-218-91	s	CAP,CERAMIC 180PF CH 1608
C1708	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1709	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1710	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1711	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1712	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1713	1-162-919-91	s	CAP, CERAMIC 22PF CH 1608
C1714	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1715	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C1716	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1717	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1718	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1719	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1720	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1721	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1900	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1901	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1902	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1903	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C1904	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1905	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1906	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1907	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1908	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1909	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C1910	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C1911	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1912	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1913	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1914	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1915	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1916	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1917	1-164-218-91	s	CAP,CERAMIC 180PF CH 1608
C1918	1-164-218-91	s	CAP,CERAMIC 180PF CH 1608
C1919	1-164-218-91	s	CAP,CERAMIC 180PF CH 1608
C1920	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1921	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1922	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C1923	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1924	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1925	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1926	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1927	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1928	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1929	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1930	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1931	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1932	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1933	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1934	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1935	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1936	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1937	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1938	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1939	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1940	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C1941	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1942	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1943	1-100-756-91	s	CAP,CHIPCERAMIC 47000PF B 1608
C1944	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1945	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1946	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C1947	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN001	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN002	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN040	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
D040	8-719-064-52	s	DIODE CL-191YG-CD-T

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D151	8-719-404-50	s	DIODE MA111-TX
D152	8-719-404-50	s	DIODE MA111-TX
D351	8-719-404-50	s	DIODE MA111-TX
D352	8-719-404-50	s	DIODE MA111-TX
D551	8-719-404-50	s	DIODE MA111-TX
D552	8-719-404-50	s	DIODE MA111-TX
D600	8-719-404-50	s	DIODE MA111-TX
D601	8-719-404-50	s	DIODE MA111-TX
D602	8-719-404-50	s	DIODE MA111-TX
D604	8-719-404-50	s	DIODE MA111-TX
D700	8-719-064-52	s	DIODE CL-191YG-CD-T
D740	8-719-404-50	s	DIODE MA111-TX
D800	8-719-027-76	s	DIODE 1SS357-TPH3
D801	8-719-027-76	s	DIODE 1SS357-TPH3
D802	8-719-073-92	s	DIODE RB060L-40TE25
D803	8-719-073-92	s	DIODE RB060L-40TE25
D804	8-719-404-50	s	DIODE MA111-TX
D805	8-719-404-50	s	DIODE MA111-TX
D900	8-719-064-52	s	DIODE CL-191YG-CD-T
D1000	8-719-027-76	s	DIODE 1SS357-TPH3
D1001	8-719-027-76	s	DIODE 1SS357-TPH3
D1002	8-719-073-92	s	DIODE RB060L-40TE25
D1003	8-719-073-92	s	DIODE RB060L-40TE25
D1004	8-719-404-50	s	DIODE MA111-TX
D1005	8-719-404-50	s	DIODE MA111-TX
D1140	8-719-404-50	s	DIODE MA111-TX
D1340	8-719-404-50	s	DIODE MA111-TX
D1540	8-719-404-50	s	DIODE MA111-TX
F800	1-576-328-21	s	FUSE (SMD) (8A/125V)
F801	1-576-328-21	s	FUSE (SMD) (8A/125V)
F802	1-533-999-21	s	FUSE, (SMD) (2A/125V)
F1000	1-576-328-21	s	FUSE (SMD) (8A/125V)
F1001	1-576-328-21	s	FUSE (SMD) (8A/125V)
F1002	1-533-999-21	s	FUSE, (SMD) (2A/125V)
IC001	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC002	6-705-469-01	s	IC BA50BC0FP-E2
IC003	8-759-539-89	s	IC LM2990SX-5.0
IC004	6-705-469-01	s	IC BA50BC0FP-E2
IC005	8-759-539-89	s	IC LM2990SX-5.0
IC006	6-705-469-01	s	IC BA50BC0FP-E2
IC007	8-759-539-89	s	IC LM2990SX-5.0
IC008	6-705-469-01	s	IC BA50BC0FP-E2
IC009	8-759-539-89	s	IC LM2990SX-5.0
IC040	6-705-468-01	s	IC BA33BC0FP-E2
IC041	8-759-679-54	s	IC SN74LVC14APWR
IC042	6-709-436-01	s	IC LC4128V-5TN100CA1353
IC043	6-705-027-01	s	IC BD4840FVE-TR
IC044	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC045	8-759-679-54	s	IC SN74LVC14APWR
IC046	8-759-679-54	s	IC SN74LVC14APWR
IC047	8-759-573-97	s	IC SN74LVC541APWR
IC048	8-759-679-54	s	IC SN74LVC14APWR
IC049	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC050	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC051	6-708-748-01	s	IC BD4828FVE-TR
IC100	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC101	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC102	8-759-669-73	s	IC TL082CPWR

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC103	6-705-028-01	s	IC LMH6502MAX
IC120	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC121	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC122	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC123	8-759-669-73	s	IC TL082CPWR
IC124	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC125	6-707-129-01	s	IC AD8184ARZ-REEL7
IC150	8-759-669-73	s	IC TL082CPWR
IC151	6-705-028-01	s	IC LMH6502MAX
IC152	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC153	6-707-129-01	s	IC AD8184ARZ-REEL7
IC200	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC201	8-759-669-73	s	IC TL082CPWR
IC202	6-705-028-01	s	IC LMH6502MAX
IC220	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC300	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC301	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC302	8-759-669-73	s	IC TL082CPWR
IC303	6-705-028-01	s	IC LMH6502MAX
IC320	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC321	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC322	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC323	8-759-669-73	s	IC TL082CPWR
IC324	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC325	6-707-129-01	s	IC AD8184ARZ-REEL7
IC350	8-759-669-73	s	IC TL082CPWR
IC351	6-705-028-01	s	IC LMH6502MAX
IC352	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC353	6-707-129-01	s	IC AD8184ARZ-REEL7
IC400	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC401	8-759-669-73	s	IC TL082CPWR
IC402	6-705-028-01	s	IC LMH6502MAX
IC420	8-759-564-49	s	IC TC7W53FU(TE12R)
IC421	8-759-645-76	s	IC TC74VHCT32AFT
IC500	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC501	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC502	8-759-669-73	s	IC TL082CPWR
IC503	6-705-028-01	s	IC LMH6502MAX
IC520	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC521	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC522	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC523	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC524	8-759-669-73	s	IC TL082CPWR
IC525	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC527	6-707-129-01	s	IC AD8184ARZ-REEL7
IC550	8-759-669-73	s	IC TL082CPWR
IC551	6-705-028-01	s	IC LMH6502MAX
IC552	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC553	6-707-129-01	s	IC AD8184ARZ-REEL7
IC600	8-759-669-73	s	IC TL082CPWR
IC601	8-759-669-73	s	IC TL082CPWR
IC602	8-759-564-49	s	IC TC7W53FU(TE12R)
IC603	8-759-276-28	s	IC LM393PS-E20
IC605	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC650	8-759-276-28	s	IC LM393PS-E20
IC653	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC654	8-759-669-73	s	IC TL082CPWR
IC700	8-759-523-84	s	IC TC74VHC14FT(EL)
IC701	8-759-491-46	s	IC TC74VHCT04AFT(EL)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC704	8-759-523-84	s	IC TC74VHC14FT(EL)
IC705	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC740	6-704-006-01	s	IC BR24L64F-WE2
IC742	6-700-394-01	s	IC BA25BC0FP-E2
IC750	8-759-669-78	s	IC TLC2933IPWR-12
IC760	8-759-669-73	s	IC TL082CPWR
IC761	8-759-669-73	s	IC TL082CPWR
IC762	8-759-669-73	s	IC TL082CPWR
IC763	8-759-669-73	s	IC TL082CPWR
IC764	8-759-669-73	s	IC TL082CPWR
IC765	8-759-669-73	s	IC TL082CPWR
IC800	6-702-510-01	s	IC TPS5120DBTRG4
IC900	8-759-523-84	s	IC TC74VHC14FT(EL)
IC903	8-759-523-80	s	IC TC74VHC04FT(EL)
IC904	8-759-523-84	s	IC TC74VHC14FT(EL)
IC905	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC906	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC907	6-700-387-01	s	IC EPC2LC20N-TP
IC930	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC931	8-759-669-73	s	IC TL082CPWR
IC932	8-759-669-73	s	IC TL082CPWR
IC933	8-759-669-73	s	IC TL082CPWR
IC934	8-759-669-78	s	IC TLC2933IPWR-12
IC935	8-759-669-73	s	IC TL082CPWR
IC936	8-759-669-73	s	IC TL082CPWR
IC937	8-759-669-73	s	IC TL082CPWR
IC938	8-759-669-75	s	IC TLC2932IPWRG4
IC939	8-759-669-73	s	IC TL082CPWR
IC1000	6-702-510-01	s	IC TPS5120DBTRG4
IC1100	6-707-130-01	s	IC LMH6503MAX/NOPB
IC1101	6-705-028-01	s	IC LMH6502MAX
IC1102	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1103	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1140	8-759-669-73	s	IC TL082CPWR
IC1141	8-759-669-73	s	IC TL082CPWR
IC1170	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1171	8-759-276-28	s	IC LM393PS-E20
IC1174	8-759-669-73	s	IC TL082CPWR
IC1175	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1176	8-759-669-73	s	IC TL082CPWR
IC1177	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1178	8-759-564-49	s	IC TC7W53FU(TE12R)
IC1179	8-759-669-73	s	IC TL082CPWR
IC1300	6-707-130-01	s	IC LMH6503MAX/NOPB
IC1301	6-705-028-01	s	IC LMH6502MAX
IC1302	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1303	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1340	8-759-669-73	s	IC TL082CPWR
IC1341	8-759-669-73	s	IC TL082CPWR
IC1370	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1371	8-759-276-28	s	IC LM393PS-E20
IC1374	8-759-669-73	s	IC TL082CPWR
IC1375	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1376	8-759-669-73	s	IC TL082CPWR
IC1377	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1378	8-759-564-49	s	IC TC7W53FU(TE12R)
IC1379	8-759-669-73	s	IC TL082CPWR
IC1500	6-707-130-01	s	IC LMH6503MAX/NOPB
IC1501	6-705-028-01	s	IC LMH6502MAX

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Ref. No. or Q'ty	Part No.	SP	Description
IC1502	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1503	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1540	8-759-669-73	s	IC TL082CPWR
IC1541	8-759-669-73	s	IC TL082CPWR
IC1570	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1571	8-759-276-28	s	IC LM393PS-E20
IC1574	8-759-669-73	s	IC TL082CPWR
IC1575	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC1576	8-759-669-73	s	IC TL082CPWR
IC1577	8-759-573-91	s	IC AD8055ARTZ-REEL7
IC1578	8-759-564-49	s	IC TC7W53FU(TE12R)
IC1579	8-759-669-73	s	IC TL082CPWR
IC1700	8-759-564-49	s	IC TC7W53FU(TE12R)
IC1701	8-752-371-56	s	IC CXD1171M-TH
IC1900	8-752-414-92	s	IC CXD2309AQ-T6
IC1901	8-759-669-73	s	IC TL082CPWR
IC1902	8-759-669-73	s	IC TL082CPWR
IC1903	8-759-669-73	s	IC TL082CPWR
IC1904	8-759-523-02	s	IC TC74HC4053AFT(EL)
L040	1-412-955-21	s	INDUCTOR, SMALL TYPE 22UH 2520
L740	1-416-345-21	s	COIL, CHOKE 22UH
L750	1-412-029-22	s	CHIP INDUCTOR 10UH
L800	1-469-848-21	s	INDUCTOR (SMD)
L801	1-469-848-21	s	INDUCTOR (SMD)
L802	1-469-848-21	s	INDUCTOR (SMD)
L803	1-469-848-21	s	INDUCTOR (SMD)
L804	1-469-848-21	s	INDUCTOR (SMD)
L931	1-412-029-22	s	CHIP INDUCTOR 10UH
L932	1-412-029-22	s	CHIP INDUCTOR 10UH
L1000	1-469-848-21	s	INDUCTOR (SMD)
L1001	1-469-848-21	s	INDUCTOR (SMD)
L1002	1-469-848-21	s	INDUCTOR (SMD)
L1003	1-469-848-21	s	INDUCTOR (SMD)
L1004	1-469-848-21	s	INDUCTOR (SMD)
L1700	1-412-029-22	s	CHIP INDUCTOR 10UH
L1900	1-412-029-22	s	CHIP INDUCTOR 10UH
Q040	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q041	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q042	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q043	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q044	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q150	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q151	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q152	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q153	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q153	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q154	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q155	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q350	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q351	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q352	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q353	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q353	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q354	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q550	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q551	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q552	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q553	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34

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Ref. No. or Q'ty	Part No.	SP	Description
Q553	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q554	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q650	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q651	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q652	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q653	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q700	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q740	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q750	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q751	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q801	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q803	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q804	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q807	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q808	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q809	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q810	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q811	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q812	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q900	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q901	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q931	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q932	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q933	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q934	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q935	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1001	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q1003	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q1004	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q1007	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q1008	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1009	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1010	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q1011	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q1012	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1100	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1101	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q1101	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q1102	8-729-144-81	s	TRANSISTOR 2SC4176T1B33B34B35
Q1140	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1141	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1300	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1301	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q1301	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q1302	8-729-144-81	s	TRANSISTOR 2SC4176T1B33B34B35
Q1340	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1341	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1500	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q1501	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q1501	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q1502	8-729-144-81	s	TRANSISTOR 2SC4176T1B33B34B35
Q1540	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1541	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1700	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1701	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1702	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1703	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1704	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1705	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q1706	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1900	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1901	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1902	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1904	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1905	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1906	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1907	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1908	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1909	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1910	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1911	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1912	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1913	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q1914	8-729-905-38	s	TRANSISTOR 2SC4081T106R
R001	1-218-867-91	s	RES, CHIP 6.8K (1608)
R002	1-218-859-91	s	RES, CHIP 3.3K (1608)
R003	1-216-809-91	s	RES, CHIP 100 (1608)
R004	1-218-847-91	s	RES, CHIP 1.0K (1608)
R007	1-218-847-91	s	RES, CHIP 1.0K (1608)
R040	1-216-821-91	s	RES, CHIP 1.0K (1608)
R041	1-216-841-91	s	RES, CHIP 47K (1608)
R042	1-216-841-91	s	RES, CHIP 47K (1608)
R043	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R044	1-216-809-91	s	RES, CHIP 100 (1608)
R045	1-216-821-91	s	RES, CHIP 1.0K (1608)
R046	1-216-821-91	s	RES, CHIP 1.0K (1608)
R047	1-216-801-91	s	RES, CHIP 22 (1608)
R049	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R050	1-216-801-91	s	RES, CHIP 22 (1608)
R052	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R053	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R054	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R055	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R056	1-216-797-91	s	RES, CHIP 10 (1608)
R058	1-216-801-91	s	RES, CHIP 22 (1608)
R059	1-216-801-91	s	RES, CHIP 22 (1608)
R060	1-216-829-91	s	RES, CHIP 4.7K (1608)
R061	1-216-801-91	s	RES, CHIP 22 (1608)
R062	1-216-825-91	s	RES, CHIP 2.2K (1608)
R063	1-216-807-91	s	RES, CHIP 68 (1608)
R064	1-216-807-91	s	RES, CHIP 68 (1608)
R065	1-216-807-91	s	RES, CHIP 68 (1608)
R066	1-216-807-91	s	RES, CHIP 68 (1608)
R067	1-216-807-91	s	RES, CHIP 68 (1608)
R068	1-216-807-91	s	RES, CHIP 68 (1608)
R069	1-216-807-91	s	RES, CHIP 68 (1608)
R070	1-216-807-91	s	RES, CHIP 68 (1608)
R071	1-216-801-91	s	RES, CHIP 22 (1608)
R072	1-216-809-91	s	RES, CHIP 100 (1608)
R073	1-216-801-91	s	RES, CHIP 22 (1608)
R074	1-216-807-91	s	RES, CHIP 68 (1608)
R075	1-216-807-91	s	RES, CHIP 68 (1608)
R076	1-216-801-91	s	RES, CHIP 22 (1608)
R077	1-216-807-91	s	RES, CHIP 68 (1608)
R078	1-216-801-91	s	RES, CHIP 22 (1608)
R079	1-216-837-91	s	RES, CHIP 22K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R080	1-216-801-91	s	RES, CHIP 22 (1608)
R081	1-216-829-91	s	RES, CHIP 4.7K (1608)
R082	1-216-829-91	s	RES, CHIP 4.7K (1608)
R084	1-216-829-91	s	RES, CHIP 4.7K (1608)
R089	1-216-829-91	s	RES, CHIP 4.7K (1608)
R090	1-216-837-91	s	RES, CHIP 22K (1608)
R091	1-216-837-91	s	RES, CHIP 22K (1608)
R094	1-218-875-91	s	RES, CHIP 15K (1608)
R099	1-218-907-91	s	RES, CHIP 330K (1608)
R100	1-218-827-91	s	RES, CHIP 150 (1608)
R101	1-216-809-91	s	RES, CHIP 100 (1608)
R102	1-218-827-91	s	RES, CHIP 150 (1608)
R103	1-218-855-91	s	RES, CHIP 2.2K (1608)
R104	1-218-837-91	s	RES, CHIP 390 (1608)
R105	1-218-855-91	s	RES, CHIP 2.2K (1608)
R106	1-216-833-91	s	RES, CHIP 10K (1608)
R107	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R108	1-216-829-91	s	RES, CHIP 4.7K (1608)
R109	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R110	1-218-849-91	s	RES, CHIP 1.2K (1608)
R111	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R112	1-218-845-91	s	RES, CHIP 820 (1608)
R113	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R114	1-218-851-91	s	RES, CHIP 1.5K (1608)
R115	1-218-855-91	s	RES, CHIP 2.2K (1608)
R116	1-218-837-91	s	RES, CHIP 390 (1608)
R117	1-218-895-91	s	RES, CHIP 100K (1608)
R118	1-218-847-91	s	RES, CHIP 1.0K (1608)
R120	1-218-832-91	s	RES, CHIP 240 (1608)
R121	1-218-837-91	s	RES, CHIP 390 (1608)
R122	1-218-837-91	s	RES, CHIP 390 (1608)
R123	1-218-837-91	s	RES, CHIP 390 (1608)
R124	1-218-837-91	s	RES, CHIP 390 (1608)
R125	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R126	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R127	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R128	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R129	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R130	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R132	1-218-861-91	s	RES, CHIP 3.9K (1608)
R133	1-211-977-91	s	RES, CHIP 22 (1608)
R134	1-218-847-91	s	RES, CHIP 1.0K (1608)
R135	1-218-863-91	s	RES, CHIP 4.7K (1608)
R137	1-218-897-91	s	RES, CHIP 120K (1608)
R138	1-218-891-91	s	RES, CHIP 68K (1608)
R139	1-218-873-91	s	RES, CHIP 12K (1608)
R140	1-218-835-91	s	RES, CHIP 330 (1608)
R141	1-218-831-91	s	RES, CHIP 220 (1608)
R149	1-218-833-91	s	RES, CHIP 270 (1608)
R150	1-216-821-91	s	RES, CHIP 1.0K (1608)
R151	1-216-833-91	s	RES, CHIP 10K (1608)
R152	1-216-813-91	s	RES, CHIP 220 (1608)
R153	1-218-855-91	s	RES, CHIP 2.2K (1608)
R154	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R155	1-218-851-91	s	RES, CHIP 1.5K (1608)
R156	1-218-845-91	s	RES, CHIP 820 (1608)
R157	1-218-847-91	s	RES, CHIP 1.0K (1608)
R158	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R159	1-216-829-91	s	RES, CHIP 4.7K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R160	1-216-821-91	s	RES, CHIP 1.0K (1608)
R161	1-216-822-91	s	RES, CHIP 1.2K (1608)
R162	1-216-845-91	s	RES, CHIP 100K (1608)
R163	1-216-809-91	s	RES, CHIP 100 (1608)
R164	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R165	1-216-845-91	s	RES, CHIP 100K (1608)
R166	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R167	1-218-853-91	s	RES, CHIP 1.8K (1608)
R168	1-218-875-91	s	RES, CHIP 15K (1608)
R169	1-218-867-91	s	RES, CHIP 6.8K (1608)
R170	1-218-875-91	s	RES, CHIP 15K (1608)
R171	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R172	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R173	1-216-809-91	s	RES, CHIP 100 (1608)
R174	1-218-895-91	s	RES, CHIP 100K (1608)
R175	1-216-817-91	s	RES, CHIP 470 (1608)
R176	1-216-817-91	s	RES, CHIP 470 (1608)
R177	1-216-820-91	s	RES, CHIP 820 (1608)
R178	1-218-860-91	s	RES, CHIP 3.6K (1608)
R179	1-218-851-91	s	RES, CHIP 1.5K (1608)
R181	1-218-823-91	s	RES, CHIP 100 (1608)
R200	1-218-855-91	s	RES, CHIP 2.2K (1608)
R201	1-218-855-91	s	RES, CHIP 2.2K (1608)
R202	1-216-833-91	s	RES, CHIP 10K (1608)
R203	1-216-829-91	s	RES, CHIP 4.7K (1608)
R204	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R205	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R206	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R207	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R208	1-218-849-91	s	RES, CHIP 1.2K (1608)
R209	1-218-845-91	s	RES, CHIP 820 (1608)
R210	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R211	1-218-851-91	s	RES, CHIP 1.5K (1608)
R212	1-218-855-91	s	RES, CHIP 2.2K (1608)
R213	1-218-837-91	s	RES, CHIP 390 (1608)
R214	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R215	1-218-895-91	s	RES, CHIP 100K (1608)
R216	1-218-823-91	s	RES, CHIP 100 (1608)
R218	1-218-847-91	s	RES, CHIP 1.0K (1608)
R219	1-218-907-91	s	RES, CHIP 330K (1608)
R220	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R221	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R300	1-218-827-91	s	RES, CHIP 150 (1608)
R301	1-216-809-91	s	RES, CHIP 100 (1608)
R302	1-218-827-91	s	RES, CHIP 150 (1608)
R303	1-218-837-91	s	RES, CHIP 390 (1608)
R304	1-218-856-91	s	RES, CHIP 2.4K (1608)
R305	1-216-820-91	s	RES, CHIP 820 (1608)
R306	1-216-833-91	s	RES, CHIP 10K (1608)
R307	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R308	1-216-829-91	s	RES, CHIP 4.7K (1608)
R309	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R310	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R311	1-218-849-91	s	RES, CHIP 1.2K (1608)
R312	1-218-845-91	s	RES, CHIP 820 (1608)
R313	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R314	1-218-851-91	s	RES, CHIP 1.5K (1608)
R315	1-218-855-91	s	RES, CHIP 2.2K (1608)
R316	1-218-837-91	s	RES, CHIP 390 (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R317	1-218-895-91	s	RES, CHIP 100K (1608)
R318	1-218-847-91	s	RES, CHIP 1.0K (1608)
R320	1-218-837-91	s	RES, CHIP 390 (1608)
R321	1-218-837-91	s	RES, CHIP 390 (1608)
R322	1-218-837-91	s	RES, CHIP 390 (1608)
R323	1-218-840-91	s	RES, CHIP 510 (1608)
R324	1-218-837-91	s	RES, CHIP 390 (1608)
R325	1-218-847-91	s	RES, CHIP 1.0K (1608)
R326	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R327	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R328	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R329	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R330	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R331	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R333	1-218-861-91	s	RES, CHIP 3.9K (1608)
R334	1-211-977-91	s	RES, CHIP 22 (1608)
R335	1-218-847-91	s	RES, CHIP 1.0K (1608)
R336	1-218-863-91	s	RES, CHIP 4.7K (1608)
R338	1-218-897-91	s	RES, CHIP 120K (1608)
R339	1-218-891-91	s	RES, CHIP 68K (1608)
R340	1-218-873-91	s	RES, CHIP 12K (1608)
R341	1-218-835-91	s	RES, CHIP 330 (1608)
R342	1-218-831-91	s	RES, CHIP 220 (1608)
R349	1-218-833-91	s	RES, CHIP 270 (1608)
R350	1-216-821-91	s	RES, CHIP 1.0K (1608)
R351	1-216-833-91	s	RES, CHIP 10K (1608)
R352	1-216-813-91	s	RES, CHIP 220 (1608)
R353	1-218-855-91	s	RES, CHIP 2.2K (1608)
R354	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R355	1-218-851-91	s	RES, CHIP 1.5K (1608)
R356	1-218-845-91	s	RES, CHIP 820 (1608)
R357	1-218-847-91	s	RES, CHIP 1.0K (1608)
R358	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R359	1-216-829-91	s	RES, CHIP 4.7K (1608)
R360	1-216-821-91	s	RES, CHIP 1.0K (1608)
R361	1-216-822-91	s	RES, CHIP 1.2K (1608)
R362	1-216-845-91	s	RES, CHIP 100K (1608)
R363	1-216-809-91	s	RES, CHIP 100 (1608)
R364	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R365	1-216-845-91	s	RES, CHIP 100K (1608)
R366	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R367	1-218-853-91	s	RES, CHIP 1.8K (1608)
R368	1-218-875-91	s	RES, CHIP 15K (1608)
R369	1-218-867-91	s	RES, CHIP 6.8K (1608)
R370	1-218-875-91	s	RES, CHIP 15K (1608)
R371	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R372	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R373	1-216-809-91	s	RES, CHIP 100 (1608)
R374	1-218-895-91	s	RES, CHIP 100K (1608)
R375	1-216-817-91	s	RES, CHIP 470 (1608)
R376	1-216-817-91	s	RES, CHIP 470 (1608)
R377	1-218-823-91	s	RES, CHIP 100 (1608)
R400	1-218-855-91	s	RES, CHIP 2.2K (1608)
R401	1-218-855-91	s	RES, CHIP 2.2K (1608)
R402	1-216-833-91	s	RES, CHIP 10K (1608)
R403	1-216-829-91	s	RES, CHIP 4.7K (1608)
R404	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R405	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R406	1-216-864-91	s	CONDUCTOR, CHIP (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R407	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R408	1-218-849-91	s	RES, CHIP 1.2K (1608)
R409	1-218-845-91	s	RES, CHIP 820 (1608)
R410	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R411	1-218-851-91	s	RES, CHIP 1.5K (1608)
R412	1-218-855-91	s	RES, CHIP 2.2K (1608)
R413	1-218-837-91	s	RES, CHIP 390 (1608)
R414	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R415	1-218-895-91	s	RES, CHIP 100K (1608)
R416	1-218-823-91	s	RES, CHIP 100 (1608)
R417	1-218-907-91	s	RES, CHIP 330K (1608)
R418	1-218-847-91	s	RES, CHIP 1.0K (1608)
R420	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R421	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R500	1-218-827-91	s	RES, CHIP 150 (1608)
R501	1-216-809-91	s	RES, CHIP 100 (1608)
R502	1-218-827-91	s	RES, CHIP 150 (1608)
R503	1-218-837-91	s	RES, CHIP 390 (1608)
R504	1-218-855-91	s	RES, CHIP 2.2K (1608)
R505	1-218-855-91	s	RES, CHIP 2.2K (1608)
R506	1-216-833-91	s	RES, CHIP 10K (1608)
R507	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R508	1-216-829-91	s	RES, CHIP 4.7K (1608)
R509	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R510	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R511	1-218-849-91	s	RES, CHIP 1.2K (1608)
R512	1-218-845-91	s	RES, CHIP 820 (1608)
R513	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R514	1-218-851-91	s	RES, CHIP 1.5K (1608)
R515	1-218-855-91	s	RES, CHIP 2.2K (1608)
R516	1-218-837-91	s	RES, CHIP 390 (1608)
R517	1-218-895-91	s	RES, CHIP 100K (1608)
R518	1-218-847-91	s	RES, CHIP 1.0K (1608)
R520	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R521	1-218-830-91	s	RES, CHIP 200 (1608)
R522	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R523	1-218-837-91	s	RES, CHIP 390 (1608)
R524	1-218-837-91	s	RES, CHIP 390 (1608)
R525	1-218-837-91	s	RES, CHIP 390 (1608)
R526	1-218-837-91	s	RES, CHIP 390 (1608)
R527	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R528	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R529	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R530	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R531	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R532	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R534	1-218-861-91	s	RES, CHIP 3.9K (1608)
R535	1-211-977-91	s	RES, CHIP 22 (1608)
R536	1-218-847-91	s	RES, CHIP 1.0K (1608)
R537	1-218-863-91	s	RES, CHIP 4.7K (1608)
R539	1-218-897-91	s	RES, CHIP 120K (1608)
R540	1-218-891-91	s	RES, CHIP 68K (1608)
R541	1-218-873-91	s	RES, CHIP 12K (1608)
R542	1-218-835-91	s	RES, CHIP 330 (1608)
R543	1-218-831-91	s	RES, CHIP 220 (1608)
R544	1-218-907-91	s	RES, CHIP 330K (1608)
R549	1-218-833-91	s	RES, CHIP 270 (1608)
R550	1-216-821-91	s	RES, CHIP 1.0K (1608)
R551	1-216-833-91	s	RES, CHIP 10K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R552	1-216-813-91	s	RES, CHIP 220 (1608)
R553	1-218-855-91	s	RES, CHIP 2.2K (1608)
R554	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R555	1-218-851-91	s	RES, CHIP 1.5K (1608)
R556	1-218-845-91	s	RES, CHIP 820 (1608)
R557	1-218-847-91	s	RES, CHIP 1.0K (1608)
R558	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R559	1-216-829-91	s	RES, CHIP 4.7K (1608)
R560	1-216-821-91	s	RES, CHIP 1.0K (1608)
R561	1-216-822-91	s	RES, CHIP 1.2K (1608)
R562	1-216-845-91	s	RES, CHIP 100K (1608)
R563	1-216-809-91	s	RES, CHIP 100 (1608)
R564	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R565	1-216-845-91	s	RES, CHIP 100K (1608)
R566	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R567	1-218-853-91	s	RES, CHIP 1.8K (1608)
R568	1-218-875-91	s	RES, CHIP 15K (1608)
R569	1-218-867-91	s	RES, CHIP 6.8K (1608)
R570	1-218-875-91	s	RES, CHIP 15K (1608)
R571	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R572	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R573	1-216-809-91	s	RES, CHIP 100 (1608)
R574	1-218-895-91	s	RES, CHIP 100K (1608)
R575	1-216-817-91	s	RES, CHIP 470 (1608)
R576	1-216-817-91	s	RES, CHIP 470 (1608)
R577	1-218-823-91	s	RES, CHIP 100 (1608)
R600	1-216-857-91	s	RES, CHIP 1.0M (1608)
R601	1-218-861-91	s	RES, CHIP 3.9K (1608)
R602	1-216-834-91	s	RES, CHIP 12K (1608)
R603	1-216-813-91	s	RES, CHIP 220 (1608)
R604	1-218-883-91	s	RES, CHIP 33K (1608)
R605	1-218-869-91	s	RES, CHIP 8.2K (1608)
R607	1-216-813-91	s	RES, CHIP 220 (1608)
R608	1-218-873-91	s	RES, CHIP 12K (1608)
R609	1-218-875-91	s	RES, CHIP 15K (1608)
R610	1-218-871-91	s	RES, CHIP 10K (1608)
R611	1-218-847-91	s	RES, CHIP 1.0K (1608)
R612	1-218-873-91	s	RES, CHIP 12K (1608)
R613	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R614	1-218-861-91	s	RES, CHIP 3.9K (1608)
R616	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R617	1-218-871-91	s	RES, CHIP 10K (1608)
R618	1-218-871-91	s	RES, CHIP 10K (1608)
R619	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R621	1-218-919-91	s	RES, CHIP 1M (1608)
R622	1-218-851-91	s	RES, CHIP 1.5K (1608)
R650	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R651	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R652	1-216-821-91	s	RES, CHIP 1.0K (1608)
R653	1-216-833-91	s	RES, CHIP 10K (1608)
R654	1-218-871-91	s	RES, CHIP 10K (1608)
R655	1-218-871-91	s	RES, CHIP 10K (1608)
R656	1-216-821-91	s	RES, CHIP 1.0K (1608)
R657	1-216-830-91	s	RES, CHIP 5.6K (1608)
R658	1-216-821-91	s	RES, CHIP 1.0K (1608)
R659	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R660	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R661	1-216-845-91	s	RES, CHIP 100K (1608)
R662	1-216-825-91	s	RES, CHIP 2.2K (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R663	1-218-855-91	s	RES, CHIP 2.2K (1608)
R664	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R665	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R666	1-216-825-91	s	RES, CHIP 2.2K (1608)
R667	1-216-809-91	s	RES, CHIP 100 (1608)
R668	1-218-871-91	s	RES, CHIP 10K (1608)
R669	1-216-827-91	s	RES, CHIP 3.3K (1608)
R670	1-218-871-91	s	RES, CHIP 10K (1608)
R700	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R701	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R702	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R703	1-216-801-91	s	RES, CHIP 22 (1608)
R704	1-216-801-91	s	RES, CHIP 22 (1608)
R705	1-216-801-91	s	RES, CHIP 22 (1608)
R706	1-216-801-91	s	RES, CHIP 22 (1608)
R707	1-216-837-91	s	RES, CHIP 22K (1608)
R708	1-216-801-91	s	RES, CHIP 22 (1608)
R709	1-216-801-91	s	RES, CHIP 22 (1608)
R710	1-216-801-91	s	RES, CHIP 22 (1608)
R711	1-216-801-91	s	RES, CHIP 22 (1608)
R712	1-216-829-91	s	RES, CHIP 4.7K (1608)
R713	1-216-801-91	s	RES, CHIP 22 (1608)
R714	1-216-801-91	s	RES, CHIP 22 (1608)
R715	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R716	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R717	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R718	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R719	1-216-815-91	s	RES, CHIP 330 (1608)
R720	1-216-845-91	s	RES, CHIP 100K (1608)
R721	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R722	1-218-855-91	s	RES, CHIP 2.2K (1608)
R723	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R724	1-216-845-91	s	RES, CHIP 100K (1608)
R725	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R726	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R727	1-216-829-91	s	RES, CHIP 4.7K (1608)
R728	1-216-829-91	s	RES, CHIP 4.7K (1608)
R729	1-216-829-91	s	RES, CHIP 4.7K (1608)
R730	1-216-809-91	s	RES, CHIP 100 (1608)
R731	1-216-829-91	s	RES, CHIP 4.7K (1608)
R732	1-218-855-91	s	RES, CHIP 2.2K (1608)
R733	1-211-977-91	s	RES, CHIP 22 (1608)
R734	1-211-977-91	s	RES, CHIP 22 (1608)
R735	1-211-977-91	s	RES, CHIP 22 (1608)
R741	1-216-815-91	s	RES, CHIP 330 (1608)
R742	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R743	1-216-797-91	s	RES, CHIP 10 (1608)
R744	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R745	1-216-829-91	s	RES, CHIP 4.7K (1608)
R746	1-216-815-91	s	RES, CHIP 330 (1608)
R747	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R748	1-216-829-91	s	RES, CHIP 4.7K (1608)
R749	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R751	1-216-845-91	s	RES, CHIP 100K (1608)
R752	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R753	1-216-857-91	s	RES, CHIP 1.0M (1608)
R754	1-218-863-91	s	RES, CHIP 4.7K (1608)
R755	1-218-861-91	s	RES, CHIP 3.9K (1608)
R756	1-218-871-91	s	RES, CHIP 10K (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R757	1-216-797-91	s	RES, CHIP 10 (1608)
R758	1-218-863-91	s	RES, CHIP 4.7K (1608)
R759	1-218-869-91	s	RES, CHIP 8.2K (1608)
R760	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R761	1-218-861-91	s	RES, CHIP 3.9K (1608)
R762	1-218-861-91	s	RES, CHIP 3.9K (1608)
R763	1-218-861-91	s	RES, CHIP 3.9K (1608)
R764	1-218-861-91	s	RES, CHIP 3.9K (1608)
R765	1-218-861-91	s	RES, CHIP 3.9K (1608)
R766	1-218-861-91	s	RES, CHIP 3.9K (1608)
R767	1-218-861-91	s	RES, CHIP 3.9K (1608)
R768	1-218-861-91	s	RES, CHIP 3.9K (1608)
R769	1-218-861-91	s	RES, CHIP 3.9K (1608)
R770	1-218-861-91	s	RES, CHIP 3.9K (1608)
R771	1-218-861-91	s	RES, CHIP 3.9K (1608)
R772	1-216-815-91	s	RES, CHIP 330 (1608)
R800	1-216-833-91	s	RES, CHIP 10K (1608)
R801	1-216-833-91	s	RES, CHIP 10K (1608)
R804	1-218-889-91	s	RES, CHIP 56K (1608)
R805	1-218-907-91	s	RES, CHIP 330K (1608)
R806	1-218-867-91	s	RES, CHIP 6.8K (1608)
R807	1-218-901-91	s	RES, CHIP 180K (1608)
R808	1-218-873-91	s	RES, CHIP 12K (1608)
R809	1-218-879-91	s	RES, CHIP 22K (1608)
R810	1-218-875-91	s	RES, CHIP 15K (1608)
R811	1-216-821-91	s	RES, CHIP 1.0K (1608)
R812	1-218-849-91	s	RES, CHIP 1.2K (1608)
R813	1-218-875-91	s	RES, CHIP 15K (1608)
R814	1-218-861-91	s	RES, CHIP 3.9K (1608)
R815	1-218-863-91	s	RES, CHIP 4.7K (1608)
R816	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R817	1-216-793-91	s	RES, CHIP 4.7 (1608)
R818	1-216-833-91	s	RES, CHIP 10K (1608)
R819	1-216-833-91	s	RES, CHIP 10K (1608)
R820	1-216-793-91	s	RES, CHIP 4.7 (1608)
R822	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R823	1-216-837-91	s	RES, CHIP 22K (1608)
R824	1-216-809-91	s	RES, CHIP 100 (1608)
R825	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R826	1-218-871-91	s	RES, CHIP 10K (1608)
R828	1-218-849-91	s	RES, CHIP 1.2K (1608)
R829	1-218-887-91	s	RES, CHIP 47K (1608)
R830	1-216-841-91	s	RES, CHIP 47K (1608)
R900	1-216-805-91	s	RES, CHIP 47 (1608)
R901	1-216-805-91	s	RES, CHIP 47 (1608)
R902	1-216-833-91	s	RES, CHIP 10K (1608)
R903	1-216-833-91	s	RES, CHIP 10K (1608)
R904	1-216-801-91	s	RES, CHIP 22 (1608)
R905	1-216-801-91	s	RES, CHIP 22 (1608)
R906	1-216-801-91	s	RES, CHIP 22 (1608)
R907	1-216-801-91	s	RES, CHIP 22 (1608)
R908	1-216-801-91	s	RES, CHIP 22 (1608)
R909	1-216-801-91	s	RES, CHIP 22 (1608)
R910	1-216-801-91	s	RES, CHIP 22 (1608)
R911	1-216-801-91	s	RES, CHIP 22 (1608)
R912	1-216-801-91	s	RES, CHIP 22 (1608)
R913	1-216-809-91	s	RES, CHIP 100 (1608)
R914	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R915	1-216-833-91	s	RES, CHIP 10K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R916	1-216-833-91	s	RES, CHIP 10K (1608)
R917	1-216-805-91	s	RES, CHIP 47 (1608)
R918	1-216-801-91	s	RES, CHIP 22 (1608)
R919	1-216-801-91	s	RES, CHIP 22 (1608)
R920	1-216-805-91	s	RES, CHIP 47 (1608)
R921	1-216-805-91	s	RES, CHIP 47 (1608)
R922	1-216-805-91	s	RES, CHIP 47 (1608)
R923	1-216-805-91	s	RES, CHIP 47 (1608)
R924	1-216-809-91	s	RES, CHIP 100 (1608)
R925	1-216-829-91	s	RES, CHIP 4.7K (1608)
R926	1-216-833-91	s	RES, CHIP 10K (1608)
R927	1-216-833-91	s	RES, CHIP 10K (1608)
R928	1-216-833-91	s	RES, CHIP 10K (1608)
R929	1-216-809-91	s	RES, CHIP 100 (1608)
R930	1-216-833-91	s	RES, CHIP 10K (1608)
R931	1-218-861-91	s	RES, CHIP 3.9K (1608)
R932	1-218-861-91	s	RES, CHIP 3.9K (1608)
R933	1-218-861-91	s	RES, CHIP 3.9K (1608)
R934	1-218-861-91	s	RES, CHIP 3.9K (1608)
R935	1-218-861-91	s	RES, CHIP 3.9K (1608)
R936	1-218-861-91	s	RES, CHIP 3.9K (1608)
R937	1-216-817-91	s	RES, CHIP 470 (1608)
R938	1-216-817-91	s	RES, CHIP 470 (1608)
R939	1-216-797-91	s	RES, CHIP 10 (1608)
R940	1-218-863-91	s	RES, CHIP 4.7K (1608)
R941	1-218-869-91	s	RES, CHIP 8.2K (1608)
R942	1-216-857-91	s	RES, CHIP 1.0M (1608)
R943	1-218-863-91	s	RES, CHIP 4.7K (1608)
R944	1-218-861-91	s	RES, CHIP 3.9K (1608)
R945	1-218-871-91	s	RES, CHIP 10K (1608)
R946	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R947	1-218-861-91	s	RES, CHIP 3.9K (1608)
R948	1-218-861-91	s	RES, CHIP 3.9K (1608)
R949	1-218-861-91	s	RES, CHIP 3.9K (1608)
R950	1-218-861-91	s	RES, CHIP 3.9K (1608)
R951	1-218-861-91	s	RES, CHIP 3.9K (1608)
R952	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R953	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R954	1-216-817-91	s	RES, CHIP 470 (1608)
R955	1-216-817-91	s	RES, CHIP 470 (1608)
R956	1-216-797-91	s	RES, CHIP 10 (1608)
R957	1-218-873-91	s	RES, CHIP 12K (1608)
R958	1-218-873-91	s	RES, CHIP 12K (1608)
R959	1-216-833-91	s	RES, CHIP 10K (1608)
R960	1-218-865-91	s	RES, CHIP 5.6K (1608)
R961	1-218-865-91	s	RES, CHIP 5.6K (1608)
R962	1-218-863-91	s	RES, CHIP 4.7K (1608)
R963	1-218-869-91	s	RES, CHIP 8.2K (1608)
R964	1-218-919-91	s	RES, CHIP 1M (1608)
R965	1-216-813-91	s	RES, CHIP 220 (1608)
R966	1-218-863-91	s	RES, CHIP 4.7K (1608)
R967	1-216-813-91	s	RES, CHIP 220 (1608)
R968	1-218-859-91	s	RES, CHIP 3.3K (1608)
R969	1-218-859-91	s	RES, CHIP 3.3K (1608)
R970	1-211-977-91	s	RES, CHIP 22 (1608)
R971	1-211-977-91	s	RES, CHIP 22 (1608)
R972	1-211-977-91	s	RES, CHIP 22 (1608)
R973	1-216-837-91	s	RES, CHIP 22K (1608)
R974	1-218-857-91	s	RES, CHIP 2.7K (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R975	1-218-857-91	s	RES, CHIP 2.7K (1608)
R1000	1-216-833-91	s	RES, CHIP 10K (1608)
R1001	1-216-833-91	s	RES, CHIP 10K (1608)
R1004	1-218-881-91	s	RES, CHIP 27K (1608)
R1005	1-218-905-91	s	RES, CHIP 270K (1608)
R1006	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1007	1-218-901-91	s	RES, CHIP 180K (1608)
R1008	1-218-873-91	s	RES, CHIP 12K (1608)
R1009	1-218-879-91	s	RES, CHIP 22K (1608)
R1010	1-218-875-91	s	RES, CHIP 15K (1608)
R1011	1-216-821-91	s	RES, CHIP 1.0K (1608)
R1012	1-218-849-91	s	RES, CHIP 1.2K (1608)
R1013	1-218-875-91	s	RES, CHIP 15K (1608)
R1014	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1015	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1016	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1017	1-216-793-91	s	RES, CHIP 4.7 (1608)
R1018	1-216-833-91	s	RES, CHIP 10K (1608)
R1019	1-216-833-91	s	RES, CHIP 10K (1608)
R1020	1-216-793-91	s	RES, CHIP 4.7 (1608)
R1022	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1024	1-216-809-91	s	RES, CHIP 100 (1608)
R1025	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R1026	1-218-871-91	s	RES, CHIP 10K (1608)
R1028	1-218-849-91	s	RES, CHIP 1.2K (1608)
R1029	1-218-887-91	s	RES, CHIP 47K (1608)
R1030	1-216-837-91	s	RES, CHIP 22K (1608)
R1031	1-216-841-91	s	RES, CHIP 47K (1608)
R1099	1-218-823-91	s	RES, CHIP 100 (1608)
R1100	1-216-809-91	s	RES, CHIP 100 (1608)
R1102	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1103	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1104	1-218-850-91	s	RES, CHIP 1.3K (1608)
R1105	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1106	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1107	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1108	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1109	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1110	1-218-848-91	s	RES, CHIP 1.1K (1608)
R1111	1-218-823-91	s	RES, CHIP 100 (1608)
R1114	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1115	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1116	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1117	1-218-893-91	s	RES, CHIP 82K (1608)
R1118	1-216-801-91	s	RES, CHIP 22 (1608)
R1119	1-218-889-91	s	RES, CHIP 56K (1608)
R1120	1-218-833-91	s	RES, CHIP 270 (1608)
R1122	1-218-823-91	s	RES, CHIP 100 (1608)
R1123	1-218-837-91	s	RES, CHIP 390 (1608)
R1124	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1125	1-218-849-91	s	RES, CHIP 1.2K (1608)
R1126	1-216-809-91	s	RES, CHIP 100 (1608)
R1127	1-218-841-91	s	RES, CHIP 560 (1608)
R1128	1-218-841-91	s	RES, CHIP 560 (1608)
R1130	1-218-827-91	s	RES, CHIP 150 (1608)
R1131	1-218-827-91	s	RES, CHIP 150 (1608)
R1140	1-218-891-91	s	RES, CHIP 68K (1608)
R1141	1-216-833-91	s	RES, CHIP 10K (1608)
R1142	1-218-903-91	s	RES, CHIP 220K (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1143	1-216-821-91	s	RES, CHIP 1.0K (1608)
R1144	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1145	1-218-891-91	s	RES, CHIP 68K (1608)
R1146	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1147	1-216-813-91	s	RES, CHIP 220 (1608)
R1148	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1149	1-218-839-91	s	RES, CHIP 470 (1608)
R1150	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1151	1-216-809-91	s	RES, CHIP 100 (1608)
R1153	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1154	1-216-831-91	s	RES, CHIP 6.8K (1608)
R1155	1-216-833-91	s	RES, CHIP 10K (1608)
R1158	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1159	1-216-813-91	s	RES, CHIP 220 (1608)
R1161	1-216-809-91	s	RES, CHIP 100 (1608)
R1170	1-218-871-91	s	RES, CHIP 10K (1608)
R1171	1-218-871-91	s	RES, CHIP 10K (1608)
R1172	1-218-871-91	s	RES, CHIP 10K (1608)
R1173	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1174	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1175	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1176	1-218-843-91	s	RES, CHIP 680 (1608)
R1177	1-218-871-91	s	RES, CHIP 10K (1608)
R1178	1-218-887-91	s	RES, CHIP 47K (1608)
R1179	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1180	1-216-833-91	s	RES, CHIP 10K (1608)
R1181	1-216-837-91	s	RES, CHIP 22K (1608)
R1182	1-216-813-91	s	RES, CHIP 220 (1608)
R1183	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1184	1-218-873-91	s	RES, CHIP 12K (1608)
R1185	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1186	1-218-899-91	s	RES, CHIP 150K (1608)
R1187	1-218-893-91	s	RES, CHIP 82K (1608)
R1188	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1189	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1190	1-218-837-91	s	RES, CHIP 390 (1608)
R1300	1-216-809-91	s	RES, CHIP 100 (1608)
R1302	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1303	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1304	1-218-850-91	s	RES, CHIP 1.3K (1608)
R1305	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1306	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1307	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1308	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1309	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1310	1-218-848-91	s	RES, CHIP 1.1K (1608)
R1311	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1312	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1313	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1314	1-218-893-91	s	RES, CHIP 82K (1608)
R1315	1-216-801-91	s	RES, CHIP 22 (1608)
R1316	1-218-889-91	s	RES, CHIP 56K (1608)
R1317	1-218-833-91	s	RES, CHIP 270 (1608)
R1318	1-218-823-91	s	RES, CHIP 100 (1608)
R1319	1-218-837-91	s	RES, CHIP 390 (1608)
R1320	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1321	1-218-849-91	s	RES, CHIP 1.2K (1608)
R1322	1-216-809-91	s	RES, CHIP 100 (1608)
R1323	1-218-841-91	s	RES, CHIP 560 (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1325	1-218-827-91	s	RES, CHIP 150 (1608)
R1326	1-218-827-91	s	RES, CHIP 150 (1608)
R1327	1-218-841-91	s	RES, CHIP 560 (1608)
R1328	1-218-823-91	s	RES, CHIP 100 (1608)
R1329	1-218-823-91	s	RES, CHIP 100 (1608)
R1340	1-218-891-91	s	RES, CHIP 68K (1608)
R1341	1-216-833-91	s	RES, CHIP 10K (1608)
R1342	1-218-903-91	s	RES, CHIP 220K (1608)
R1343	1-216-821-91	s	RES, CHIP 1.0K (1608)
R1344	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1345	1-218-891-91	s	RES, CHIP 68K (1608)
R1346	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1347	1-216-813-91	s	RES, CHIP 220 (1608)
R1348	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1349	1-218-839-91	s	RES, CHIP 470 (1608)
R1350	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1351	1-216-809-91	s	RES, CHIP 100 (1608)
R1352	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1353	1-216-831-91	s	RES, CHIP 6.8K (1608)
R1354	1-216-833-91	s	RES, CHIP 10K (1608)
R1356	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1357	1-216-813-91	s	RES, CHIP 220 (1608)
R1358	1-216-809-91	s	RES, CHIP 100 (1608)
R1370	1-218-871-91	s	RES, CHIP 10K (1608)
R1371	1-218-871-91	s	RES, CHIP 10K (1608)
R1372	1-218-871-91	s	RES, CHIP 10K (1608)
R1373	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1374	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1375	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1376	1-218-843-91	s	RES, CHIP 680 (1608)
R1377	1-218-871-91	s	RES, CHIP 10K (1608)
R1378	1-218-887-91	s	RES, CHIP 47K (1608)
R1379	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1380	1-216-833-91	s	RES, CHIP 10K (1608)
R1381	1-216-837-91	s	RES, CHIP 22K (1608)
R1382	1-216-813-91	s	RES, CHIP 220 (1608)
R1383	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1384	1-218-873-91	s	RES, CHIP 12K (1608)
R1385	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1386	1-218-899-91	s	RES, CHIP 150K (1608)
R1387	1-218-893-91	s	RES, CHIP 82K (1608)
R1388	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1389	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1390	1-218-837-91	s	RES, CHIP 390 (1608)
R1500	1-216-809-91	s	RES, CHIP 100 (1608)
R1502	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1503	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1504	1-218-850-91	s	RES, CHIP 1.3K (1608)
R1505	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1506	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1507	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1508	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1509	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1510	1-218-848-91	s	RES, CHIP 1.1K (1608)
R1511	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1512	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1513	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1514	1-218-893-91	s	RES, CHIP 82K (1608)
R1515	1-216-801-91	s	RES, CHIP 22 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1516	1-218-889-91	s	RES, CHIP 56K (1608)
R1517	1-218-833-91	s	RES, CHIP 270 (1608)
R1518	1-218-823-91	s	RES, CHIP 100 (1608)
R1519	1-218-837-91	s	RES, CHIP 390 (1608)
R1520	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1521	1-218-849-91	s	RES, CHIP 1.2K (1608)
R1522	1-216-809-91	s	RES, CHIP 100 (1608)
R1523	1-218-841-91	s	RES, CHIP 560 (1608)
R1525	1-218-827-91	s	RES, CHIP 150 (1608)
R1526	1-218-827-91	s	RES, CHIP 150 (1608)
R1527	1-218-841-91	s	RES, CHIP 560 (1608)
R1528	1-218-823-91	s	RES, CHIP 100 (1608)
R1529	1-218-823-91	s	RES, CHIP 100 (1608)
R1540	1-218-891-91	s	RES, CHIP 68K (1608)
R1541	1-216-833-91	s	RES, CHIP 10K (1608)
R1542	1-218-903-91	s	RES, CHIP 220K (1608)
R1543	1-216-821-91	s	RES, CHIP 1.0K (1608)
R1544	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1545	1-218-891-91	s	RES, CHIP 68K (1608)
R1546	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1547	1-216-813-91	s	RES, CHIP 220 (1608)
R1548	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1549	1-218-839-91	s	RES, CHIP 470 (1608)
R1550	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1551	1-216-809-91	s	RES, CHIP 100 (1608)
R1552	1-218-855-91	s	RES, CHIP 2.2K (1608)
R1553	1-216-831-91	s	RES, CHIP 6.8K (1608)
R1554	1-216-833-91	s	RES, CHIP 10K (1608)
R1556	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1557	1-216-813-91	s	RES, CHIP 220 (1608)
R1558	1-216-809-91	s	RES, CHIP 100 (1608)
R1570	1-218-871-91	s	RES, CHIP 10K (1608)
R1571	1-218-871-91	s	RES, CHIP 10K (1608)
R1572	1-218-871-91	s	RES, CHIP 10K (1608)
R1573	1-218-861-91	s	RES, CHIP 3.9K (1608)
R1574	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1575	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1576	1-218-843-91	s	RES, CHIP 680 (1608)
R1577	1-218-871-91	s	RES, CHIP 10K (1608)
R1578	1-218-887-91	s	RES, CHIP 47K (1608)
R1579	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1580	1-216-833-91	s	RES, CHIP 10K (1608)
R1581	1-216-837-91	s	RES, CHIP 22K (1608)
R1582	1-216-813-91	s	RES, CHIP 220 (1608)
R1583	1-218-869-91	s	RES, CHIP 8.2K (1608)
R1584	1-218-873-91	s	RES, CHIP 12K (1608)
R1585	1-218-867-91	s	RES, CHIP 6.8K (1608)
R1586	1-218-899-91	s	RES, CHIP 150K (1608)
R1587	1-218-893-91	s	RES, CHIP 82K (1608)
R1588	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1589	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1590	1-218-837-91	s	RES, CHIP 390 (1608)
R1700	1-216-809-91	s	RES, CHIP 100 (1608)
R1701	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1702	1-216-809-91	s	RES, CHIP 100 (1608)
R1703	1-218-858-91	s	RES, CHIP 3.0K (1608)
R1704	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1705	1-211-989-91	s	RES, CHIP 68 (1608)
R1706	1-218-845-91	s	RES, CHIP 820 (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1707	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1708	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1709	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1710	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1711	1-216-809-91	s	RES, CHIP 100 (1608)
R1712	1-211-989-91	s	RES, CHIP 68 (1608)
R1713	1-211-989-91	s	RES, CHIP 68 (1608)
R1714	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1715	1-216-797-91	s	RES, CHIP 10 (1608)
R1716	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1717	1-216-797-91	s	RES, CHIP 10 (1608)
R1718	1-218-858-91	s	RES, CHIP 3.0K (1608)
R1719	1-216-809-91	s	RES, CHIP 100 (1608)
R1720	1-218-845-91	s	RES, CHIP 820 (1608)
R1721	1-216-809-91	s	RES, CHIP 100 (1608)
R1722	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1723	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1724	1-216-821-91	s	RES, CHIP 1.0K (1608)
R1725	1-216-797-91	s	RES, CHIP 10 (1608)
R1726	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1727	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1728	1-218-830-91	s	RES, CHIP 200 (1608)
R1729	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1730	1-218-846-91	s	RES, CHIP 910 (1608)
R1731	1-216-797-91	s	RES, CHIP 10 (1608)
R1732	1-216-797-91	s	RES, CHIP 10 (1608)
R1900	1-218-830-91	s	RES, CHIP 200 (1608)
R1901	1-218-830-91	s	RES, CHIP 200 (1608)
R1902	1-218-830-91	s	RES, CHIP 200 (1608)
R1903	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1904	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1905	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1906	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1907	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1908	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1909	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1910	1-216-809-91	s	RES, CHIP 100 (1608)
R1911	1-216-809-91	s	RES, CHIP 100 (1608)
R1912	1-216-809-91	s	RES, CHIP 100 (1608)
R1913	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1914	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1915	1-216-828-91	s	RES, CHIP 3.9K (1608)
R1916	1-216-818-91	s	RES, CHIP 560 (1608)
R1917	1-216-818-91	s	RES, CHIP 560 (1608)
R1918	1-216-818-91	s	RES, CHIP 560 (1608)
R1919	1-216-818-91	s	RES, CHIP 560 (1608)
R1920	1-216-818-91	s	RES, CHIP 560 (1608)
R1921	1-216-818-91	s	RES, CHIP 560 (1608)
R1922	1-216-818-91	s	RES, CHIP 560 (1608)
R1923	1-216-818-91	s	RES, CHIP 560 (1608)
R1924	1-216-818-91	s	RES, CHIP 560 (1608)
R1925	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1926	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1927	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1928	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1929	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1930	1-218-865-91	s	RES, CHIP 5.6K (1608)
R1931	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1932	1-218-843-91	s	RES, CHIP 680 (1608)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1933	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1934	1-218-843-91	s	RES, CHIP 680 (1608)
R1935	1-218-863-91	s	RES, CHIP 4.7K (1608)
R1936	1-218-843-91	s	RES, CHIP 680 (1608)
R1937	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1938	1-216-822-91	s	RES, CHIP 1.2K (1608)
R1939	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1940	1-216-822-91	s	RES, CHIP 1.2K (1608)
R1941	1-216-829-91	s	RES, CHIP 4.7K (1608)
R1942	1-216-822-91	s	RES, CHIP 1.2K (1608)
R1943	1-218-853-91	s	RES, CHIP 1.8K (1608)
R1944	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1945	1-218-853-91	s	RES, CHIP 1.8K (1608)
R1946	1-218-853-91	s	RES, CHIP 1.8K (1608)
R1947	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1948	1-218-859-91	s	RES, CHIP 3.3K (1608)
R1949	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1950	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1951	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1952	1-216-809-91	s	RES, CHIP 100 (1608)
R1953	1-216-809-91	s	RES, CHIP 100 (1608)
R1954	1-216-809-91	s	RES, CHIP 100 (1608)
R1955	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1956	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1957	1-216-825-91	s	RES, CHIP 2.2K (1608)
R1959	1-216-833-91	s	RES, CHIP 10K (1608)
R1961	1-216-833-91	s	RES, CHIP 10K (1608)
R1963	1-216-833-91	s	RES, CHIP 10K (1608)
R2193	1-216-817-91	s	RES, CHIP 470 (1608)
R2194	1-216-817-91	s	RES, CHIP 470 (1608)
RB040	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB041	1-233-415-21	s	RES, CHIP NETWORK 10K (3216)
RB042	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB043	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB044	1-233-423-21	s	RES, CHIP NETWORK 47 (3216)
RB045	1-233-423-21	s	RES, CHIP NETWORK 47 (3216)
RB046	1-233-423-21	s	RES, CHIP NETWORK 47 (3216)
RB047	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB048	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB049	1-233-880-21	s	RES, NETWORK 68 (3216)
RB050	1-233-880-21	s	RES, NETWORK 68 (3216)
RB051	1-233-423-21	s	RES, CHIP NETWORK 47 (3216)
RB052	1-233-423-21	s	RES, CHIP NETWORK 47 (3216)
RB053	1-233-880-21	s	RES, NETWORK 68 (3216)
RB054	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB055	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB056	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB700	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB701	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB702	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB703	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB900	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB901	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB902	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB903	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB904	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB905	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB906	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB907	1-234-371-21	s	RES, NETWORK 47 (1005X4)

(BK BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB908	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB909	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB910	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB911	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB912	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
S740	1-771-709-21	s	SWITCH, SLIDE
TP001	1-535-877-22	s	CHIP, CHECKER
TP002	1-535-877-22	s	CHIP, CHECKER
TP003	1-535-877-22	s	CHIP, CHECKER
TP004	1-535-877-22	s	CHIP, CHECKER
TP005	1-535-877-22	s	CHIP, CHECKER
TP006	1-535-877-22	s	CHIP, CHECKER
TP007	1-535-877-22	s	CHIP, CHECKER
TP008	1-535-877-22	s	CHIP, CHECKER
TP009	1-535-877-22	s	CHIP, CHECKER
TP010	1-535-877-22	s	CHIP, CHECKER
TP011	1-535-757-21	s	CHIP, CHECKER
TP012	1-535-877-22	s	CHIP, CHECKER
TP040	1-535-757-21	s	CHIP, CHECKER
TP041	1-535-757-21	s	CHIP, CHECKER
TP042	1-535-877-22	s	CHIP, CHECKER
TP100	1-535-757-21	s	CHIP, CHECKER
TP101	1-535-757-21	s	CHIP, CHECKER
TP120	1-535-757-21	s	CHIP, CHECKER
TP121	1-535-877-22	s	CHIP, CHECKER
TP150	1-535-757-21	s	CHIP, CHECKER
TP200	1-535-757-21	s	CHIP, CHECKER
TP300	1-535-757-21	s	CHIP, CHECKER
TP301	1-535-757-21	s	CHIP, CHECKER
TP320	1-535-757-21	s	CHIP, CHECKER
TP321	1-535-877-22	s	CHIP, CHECKER
TP350	1-535-757-21	s	CHIP, CHECKER
TP400	1-535-757-21	s	CHIP, CHECKER
TP500	1-535-757-21	s	CHIP, CHECKER
TP501	1-535-757-21	s	CHIP, CHECKER
TP520	1-535-757-21	s	CHIP, CHECKER
TP521	1-535-877-22	s	CHIP, CHECKER
TP550	1-535-757-21	s	CHIP, CHECKER
TP600	1-535-757-21	s	CHIP, CHECKER
TP601	1-535-757-21	s	CHIP, CHECKER
TP602	1-535-877-22	s	CHIP, CHECKER
TP650	1-535-757-21	s	CHIP, CHECKER
TP651	1-535-757-21	s	CHIP, CHECKER
TP800	1-535-877-22	s	CHIP, CHECKER
TP801	1-535-877-22	s	CHIP, CHECKER
TP802	1-535-877-22	s	CHIP, CHECKER
TP1000	1-535-877-22	s	CHIP, CHECKER
TP1001	1-535-877-22	s	CHIP, CHECKER
TP1100	1-535-757-21	s	CHIP, CHECKER
TP1300	1-535-757-21	s	CHIP, CHECKER
TP1500	1-535-757-21	s	CHIP, CHECKER
TP1900	1-535-757-21	s	CHIP, CHECKER
TP1901	1-535-757-21	s	CHIP, CHECKER
TP1902	1-535-757-21	s	CHIP, CHECKER
X040	1-795-984-11	s	OSCILLATOR, CRYSTAL
X740	1-795-984-11	s	OSCILLATOR, CRYSTAL

CA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1166-053-A	s	MOUNTED CIRCUIT BOARD, CA
2pcs	3-648-057-00	o	NUT (ISO-4), U
2pcs	7-682-566-04	s	SCREW +B4X20
18pcs	4-382-854-01	s	SCREW (M3X8), P, SW (+) (IC704(1),Q103(1),Q105(1),Q106(1), Q303(1),Q305(1),Q306(1),Q503(1), Q505(1),Q506(1),R115(1),R315(1), R515(1),HEAT SINK(1),HEATSINK ASSY(4)
4pcs	7-682-647-09	s	SCREW +PS 3X6 (SHIELD(4))
C101	1-111-244-91	s	CAP, ELECT 47MF
C102	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C103	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C105	1-107-944-91	s	CAP, ELECT 22MF
C106	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C107	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C108	1-164-390-91	s	CAP, CERAMIC 330PF CH 1608
C110	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C111	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C112	1-162-914-91	s	CAP, CERAMIC 9.0PF CH 1608
C113	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C114	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C115	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C116	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C117	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C301	1-111-244-91	s	CAP, ELECT 47MF
C302	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C303	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C304	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C305	1-107-944-91	s	CAP, ELECT 22MF
C306	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C307	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C308	1-164-390-91	s	CAP, CERAMIC 330PF CH 1608
C310	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C311	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C312	1-162-914-91	s	CAP, CERAMIC 9.0PF CH 1608
C313	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C314	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C315	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C316	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C317	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C501	1-111-244-91	s	CAP, ELECT 47MF
C502	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C503	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C504	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C505	1-107-944-91	s	CAP, ELECT 22MF
C506	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C507	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C508	1-164-390-91	s	CAP, CERAMIC 330PF CH 1608
C510	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C511	1-127-738-91	s	CAP, CERAMIC 4700000PF B(3225)
C512	1-162-914-91	s	CAP, CERAMIC 9.0PF CH 1608
C513	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C514	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C515	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C516	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C517	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C701	1-128-526-91	s	CAP, ELECT 100MF
C702	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C703	1-107-882-91	s	CAP, ELECT 100MF
C704	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C705	1-128-526-91	s	CAP, ELECT 100MF
C706	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C707	1-107-882-91	s	CAP, ELECT 100MF
C708	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C709	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C710	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C711	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C712	1-107-943-91	s	CAP, ELECT 10MF
C713	1-107-943-91	s	CAP, ELECT 10MF
C714	1-107-364-91	s	CAP, PETP FILM 0.01MF
C715	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C716	1-107-882-91	s	CAP, ELECT 100MF
C717	1-107-942-91	s	CAP, ELECT 4.7MF
C718	1-107-943-91	s	CAP, ELECT 10MF
C719	1-107-882-91	s	CAP, ELECT 100MF
C720	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C721	1-107-882-91	s	CAP, ELECT 100MF
C722	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C723	1-107-882-91	s	CAP, ELECT 100MF
C724	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN101	1-564-507-71	o	PLUG, CONNECTOR 4P
CN301	1-564-507-51	o	PLUG, CONNECTOR 4P
CN501	1-564-507-61	o	PLUG, CONNECTOR 4P
CN701	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN702	1-564-509-51	o	PLUG, CONNECTOR 6P
D101	8-719-404-50	s	DIODE MA111-TX
D103	8-719-404-50	s	DIODE MA111-TX
D104	8-719-404-50	s	DIODE MA111-TX
D105	8-719-161-05	s	DIODE RD8.2SB-T1
D106	8-719-404-50	s	DIODE MA111-TX
D107	8-719-404-50	s	DIODE MA111-TX
D108	8-719-074-48	s	DIODE HSU83TRF
D109	8-719-074-48	s	DIODE HSU83TRF
D301	8-719-404-50	s	DIODE MA111-TX
D303	8-719-404-50	s	DIODE MA111-TX
D304	8-719-404-50	s	DIODE MA111-TX
D305	8-719-161-05	s	DIODE RD8.2SB-T1
D306	8-719-404-50	s	DIODE MA111-TX
D307	8-719-404-50	s	DIODE MA111-TX
D308	8-719-074-48	s	DIODE HSU83TRF
D309	8-719-074-48	s	DIODE HSU83TRF
D501	8-719-404-50	s	DIODE MA111-TX
D503	8-719-404-50	s	DIODE MA111-TX
D504	8-719-404-50	s	DIODE MA111-TX
D505	8-719-161-05	s	DIODE RD8.2SB-T1
D506	8-719-404-50	s	DIODE MA111-TX
D507	8-719-404-50	s	DIODE MA111-TX
D508	8-719-074-48	s	DIODE HSU83TRF
D509	8-719-074-48	s	DIODE HSU83TRF
D701	8-719-037-22	s	DIODE RD12SB-T1
D702	8-719-037-22	s	DIODE RD12SB-T1
D703	8-719-063-74	s	DIODE D1NL20U-TR2
D704	8-719-404-50	s	DIODE MA111-TX
D705	8-719-074-48	s	DIODE HSU83TRF
D706	8-719-074-48	s	DIODE HSU83TRF
D707	8-719-074-48	s	DIODE HSU83TRF
D708	8-719-074-48	s	DIODE HSU83TRF

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
F701	1-533-998-21	s	FUSE, (SMD) (1A/125V)
F702	1-533-900-21	s	FUSE (0.25A/125V)
F703	1-533-900-21	s	FUSE (0.25A/125V)
F704	1-533-900-21	s	FUSE (0.25A/125V)
F705	1-533-900-21	s	FUSE (0.25A/125V)
IC101	8-759-332-59	s	IC LT1252CS8-E2
IC301	8-759-332-59	s	IC LT1252CS8-E2
IC501	8-759-332-59	s	IC LT1252CS8-E2
IC701	6-702-295-01	s	IC NJM78M12DL1A-TE1
IC702	8-759-276-28	s	IC LM393PS-E20
IC703	8-759-539-89	s	IC LM2990SX-5.0
IC704	6-707-184-01	s	IC LM2426TE/NOPB
IC705	6-700-792-01	s	IC NJM78M09DL1A(TE1)
IC706	6-700-792-01	s	IC NJM78M09DL1A(TE1)
IC707	6-700-792-01	s	IC NJM78M09DL1A(TE1)
L101	1-412-990-41	s	INDUCTOR, SMALL TYPE 8.2UH
L301	1-412-990-41	s	INDUCTOR, SMALL TYPE 8.2UH
L501	1-412-990-41	s	INDUCTOR, SMALL TYPE 8.2UH
Q101	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q102	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q103	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q104	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q105	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q106	8-729-823-07	s	TRANSISTOR 2SA1540-DE
Q107	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q108	8-729-019-95	s	TRANSISTOR 2SK1589-L-T1B
Q109	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q110	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q111	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q112	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q112	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q301	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q302	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q303	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q304	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q305	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q306	8-729-823-07	s	TRANSISTOR 2SA1540-DE
Q307	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q308	8-729-019-95	s	TRANSISTOR 2SK1589-L-T1B
Q309	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q310	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q311	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q312	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q312	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q501	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q502	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q503	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q504	8-729-809-23	s	TRANSISTOR 2SC3950-E
Q505	8-729-019-70	s	TRANSISTOR 2SC3955-DE
Q506	8-729-823-07	s	TRANSISTOR 2SA1540-DE
Q507	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q508	8-729-019-95	s	TRANSISTOR 2SK1589-L-T1B
Q509	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q510	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q511	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q512	8-729-140-86	s	TRANSISTOR 2SA1610-T1Y34
Q512	8-729-143-09	s	TRANSISTOR 2SA1610-T1Y33
Q701	8-729-903-68	s	TRANSISTOR 2SD982
Q702	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R101	1-218-899-91	s	RES, CHIP 150K (1608)
R102	1-218-827-91	s	RES, CHIP 150 (1608)
R103	1-216-809-91	s	RES, CHIP 100 (1608)
R104	1-216-828-91	s	RES, CHIP 3.9K (1608)
R105	1-216-813-91	s	RES, CHIP 220 (1608)
R106	1-218-849-91	s	RES, CHIP 1.2K (1608)
R107	1-218-839-91	s	RES, CHIP 470 (1608)
R108	1-218-851-91	s	RES, CHIP 1.5K (1608)
R109	1-218-847-91	s	RES, CHIP 1.0K (1608)
R110	1-218-847-91	s	RES, CHIP 1.0K (1608)
R111	1-216-809-91	s	RES, CHIP 100 (1608)
R112	1-218-831-91	s	RES, CHIP 220 (1608)
R113	1-218-827-91	s	RES, CHIP 150 (1608)
R114	1-214-828-81	s	RES, METAL FILM 33
R115	1-245-948-11	s	RES, METAL FILM 1.8K
R116	1-218-827-91	s	RES, CHIP 150 (1608)
R117	1-211-981-91	s	RES, CHIP 33 (1608)
R118	1-216-801-91	s	RES, CHIP 22 (1608)
R119	1-216-801-91	s	RES, CHIP 22 (1608)
R120	1-215-863-71	s	RES, METAL OXIDE FILM 100
R121	1-216-799-91	s	RES, CHIP 15 (1608)
R122	1-216-799-91	s	RES, CHIP 15 (1608)
R123	1-215-863-71	s	RES, METAL OXIDE FILM 100
R124	1-216-853-91	s	RES, CHIP 470K (1608)
R125	1-218-887-91	s	RES, CHIP 47K (1608)
R126	1-218-887-91	s	RES, CHIP 47K (1608)
R127	1-218-887-91	s	RES, CHIP 47K (1608)
R128	1-218-887-91	s	RES, CHIP 47K (1608)
R129	1-218-865-91	s	RES, CHIP 5.6K (1608)
R130	1-216-830-91	s	RES, CHIP 5.6K (1608)
R131	1-216-809-91	s	RES, CHIP 100 (1608)
R132	1-216-847-91	s	RES, CHIP 150K (1608)
R133	1-216-847-91	s	RES, CHIP 150K (1608)
R134	1-216-847-91	s	RES, CHIP 150K (1608)
R135	1-216-847-91	s	RES, CHIP 150K (1608)
R136	1-216-847-91	s	RES, CHIP 150K (1608)
R137	1-216-847-91	s	RES, CHIP 150K (1608)
R138	1-249-409-91	s	RES, CARBON (SMALL) 220
R139	1-218-865-91	s	RES, CHIP 5.6K (1608)
R140	1-216-830-91	s	RES, CHIP 5.6K (1608)
R141	1-216-809-91	s	RES, CHIP 100 (1608)
R142	1-216-847-91	s	RES, CHIP 150K (1608)
R143	1-216-847-91	s	RES, CHIP 150K (1608)
R144	1-240-929-91	s	RES, (SURGE RESISTANT) 68
R145	1-211-989-91	s	RES, CHIP 68 (1608)
R146	1-211-989-91	s	RES, CHIP 68 (1608)
R147	1-214-824-81	s	RES, METAL FILM 22
R148	1-211-977-91	s	RES, CHIP 22 (1608)
R149	1-218-823-91	s	RES, CHIP 100 (1608)
R150	1-218-839-91	s	RES, CHIP 470 (1608)
R151	1-216-809-91	s	RES, CHIP 100 (1608)
R152	1-216-817-91	s	RES, CHIP 470 (1608)
R153	1-216-817-91	s	RES, CHIP 470 (1608)
R154	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R301	1-218-899-91	s	RES, CHIP 150K (1608)
R302	1-218-827-91	s	RES, CHIP 150 (1608)
R303	1-216-809-91	s	RES, CHIP 100 (1608)
R304	1-216-828-91	s	RES, CHIP 3.9K (1608)
R305	1-216-813-91	s	RES, CHIP 220 (1608)
R306	1-218-849-91	s	RES, CHIP 1.2K (1608)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R307	1-218-839-91	s	RES, CHIP 470 (1608)
R308	1-218-851-91	s	RES, CHIP 1.5K (1608)
R309	1-218-847-91	s	RES, CHIP 1.0K (1608)
R310	1-218-847-91	s	RES, CHIP 1.0K (1608)
R311	1-216-809-91	s	RES, CHIP 100 (1608)
R312	1-218-831-91	s	RES, CHIP 220 (1608)
R313	1-218-827-91	s	RES, CHIP 150 (1608)
R314	1-214-828-81	s	RES, METAL FILM 33
R315	1-245-948-11	s	RES, METAL FILM 1.8K
R316	1-218-827-91	s	RES, CHIP 150 (1608)
R317	1-211-981-91	s	RES, CHIP 33 (1608)
R318	1-216-801-91	s	RES, CHIP 22 (1608)
R319	1-216-801-91	s	RES, CHIP 22 (1608)
R320	1-215-863-71	s	RES, METAL OXIDE FILM 100
R321	1-216-799-91	s	RES, CHIP 15 (1608)
R322	1-216-799-91	s	RES, CHIP 15 (1608)
R323	1-215-863-71	s	RES, METAL OXIDE FILM 100
R324	1-216-853-91	s	RES, CHIP 470K (1608)
R325	1-218-887-91	s	RES, CHIP 47K (1608)
R326	1-218-887-91	s	RES, CHIP 47K (1608)
R327	1-218-887-91	s	RES, CHIP 47K (1608)
R328	1-218-887-91	s	RES, CHIP 47K (1608)
R329	1-218-865-91	s	RES, CHIP 5.6K (1608)
R330	1-216-830-91	s	RES, CHIP 5.6K (1608)
R331	1-216-809-91	s	RES, CHIP 100 (1608)
R332	1-216-847-91	s	RES, CHIP 150K (1608)
R333	1-216-847-91	s	RES, CHIP 150K (1608)
R334	1-216-847-91	s	RES, CHIP 150K (1608)
R335	1-216-847-91	s	RES, CHIP 150K (1608)
R336	1-216-847-91	s	RES, CHIP 150K (1608)
R337	1-216-847-91	s	RES, CHIP 150K (1608)
R338	1-249-409-91	s	RES, CARBON (SMALL) 220
R339	1-218-865-91	s	RES, CHIP 5.6K (1608)
R340	1-216-830-91	s	RES, CHIP 5.6K (1608)
R341	1-216-809-91	s	RES, CHIP 100 (1608)
R342	1-216-847-91	s	RES, CHIP 150K (1608)
R343	1-216-847-91	s	RES, CHIP 150K (1608)
R344	1-240-929-91	s	RES, (SURGE RESISTANT) 68
R345	1-211-989-91	s	RES, CHIP 68 (1608)
R346	1-211-989-91	s	RES, CHIP 68 (1608)
R347	1-214-824-81	s	RES, METAL FILM 22
R348	1-211-977-91	s	RES, CHIP 22 (1608)
R349	1-218-823-91	s	RES, CHIP 100 (1608)
R350	1-218-839-91	s	RES, CHIP 470 (1608)
R351	1-216-809-91	s	RES, CHIP 100 (1608)
R352	1-216-817-91	s	RES, CHIP 470 (1608)
R353	1-216-817-91	s	RES, CHIP 470 (1608)
R354	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R501	1-218-899-91	s	RES, CHIP 150K (1608)
R502	1-218-827-91	s	RES, CHIP 150 (1608)
R503	1-216-809-91	s	RES, CHIP 100 (1608)
R504	1-216-828-91	s	RES, CHIP 3.9K (1608)
R505	1-216-813-91	s	RES, CHIP 220 (1608)
R506	1-218-849-91	s	RES, CHIP 1.2K (1608)
R507	1-218-839-91	s	RES, CHIP 470 (1608)
R508	1-218-851-91	s	RES, CHIP 1.5K (1608)
R509	1-218-847-91	s	RES, CHIP 1.0K (1608)
R510	1-218-847-91	s	RES, CHIP 1.0K (1608)
R511	1-216-809-91	s	RES, CHIP 100 (1608)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R512	1-218-831-91	s	RES, CHIP 220 (1608)
R513	1-218-827-91	s	RES, CHIP 150 (1608)
R514	1-214-828-81	s	RES, METAL FILM 33
R515	1-245-948-11	s	RES, METAL FILM 1.8K
R516	1-218-827-91	s	RES, CHIP 150 (1608)
R517	1-211-981-91	s	RES, CHIP 33 (1608)
R518	1-216-801-91	s	RES, CHIP 22 (1608)
R519	1-216-801-91	s	RES, CHIP 22 (1608)
R520	1-215-863-71	s	RES, METAL OXIDE FILM 100
R521	1-216-799-91	s	RES, CHIP 15 (1608)
R522	1-216-799-91	s	RES, CHIP 15 (1608)
R523	1-215-863-71	s	RES, METAL OXIDE FILM 100
R524	1-216-853-91	s	RES, CHIP 470K (1608)
R525	1-218-887-91	s	RES, CHIP 47K (1608)
R526	1-218-887-91	s	RES, CHIP 47K (1608)
R527	1-218-887-91	s	RES, CHIP 47K (1608)
R528	1-218-887-91	s	RES, CHIP 47K (1608)
R529	1-218-865-91	s	RES, CHIP 5.6K (1608)
R530	1-216-830-91	s	RES, CHIP 5.6K (1608)
R531	1-216-809-91	s	RES, CHIP 100 (1608)
R532	1-216-847-91	s	RES, CHIP 150K (1608)
R533	1-216-847-91	s	RES, CHIP 150K (1608)
R534	1-216-847-91	s	RES, CHIP 150K (1608)
R535	1-216-847-91	s	RES, CHIP 150K (1608)
R536	1-216-847-91	s	RES, CHIP 150K (1608)
R537	1-216-847-91	s	RES, CHIP 150K (1608)
R538	1-249-409-91	s	RES, CARBON (SMALL) 220
R539	1-218-865-91	s	RES, CHIP 5.6K (1608)
R540	1-216-830-91	s	RES, CHIP 5.6K (1608)
R541	1-216-809-91	s	RES, CHIP 100 (1608)
R542	1-216-847-91	s	RES, CHIP 150K (1608)
R543	1-216-847-91	s	RES, CHIP 150K (1608)
R544	1-240-929-91	s	RES, (SURGE RESISTANT) 68
R545	1-211-989-91	s	RES, CHIP 68 (1608)
R546	1-211-989-91	s	RES, CHIP 68 (1608)
R547	1-214-824-81	s	RES, METAL FILM 22
R548	1-211-977-91	s	RES, CHIP 22 (1608)
R549	1-218-823-91	s	RES, CHIP 100 (1608)
R550	1-218-839-91	s	RES, CHIP 470 (1608)
R551	1-216-809-91	s	RES, CHIP 100 (1608)
R552	1-216-817-91	s	RES, CHIP 470 (1608)
R553	1-216-817-91	s	RES, CHIP 470 (1608)
R554	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R701	1-216-809-91	s	RES, CHIP 100 (1608)
R707	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R708	1-218-891-91	s	RES, CHIP 68K (1608)
R709	1-218-891-91	s	RES, CHIP 68K (1608)
R710	1-218-891-91	s	RES, CHIP 68K (1608)
R711	1-218-891-91	s	RES, CHIP 68K (1608)
R712	1-218-871-91	s	RES, CHIP 10K (1608)
R713	1-218-891-91	s	RES, CHIP 68K (1608)
R714	1-218-891-91	s	RES, CHIP 68K (1608)
R715	1-218-891-91	s	RES, CHIP 68K (1608)
R716	1-218-891-91	s	RES, CHIP 68K (1608)
R717	1-218-877-91	s	RES, CHIP 18K (1608)
R718	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R719	1-216-833-91	s	RES, CHIP 10K (1608)
R720	1-216-833-91	s	RES, CHIP 10K (1608)
R721	1-218-883-91	s	RES, CHIP 33K (1608)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R722	1-218-873-91	s	RES, CHIP 12K (1608)
R723	1-249-429-91	s	RES, CARBON (SMALL) 10K
R724	1-218-839-91	s	RES, CHIP 470 (1608)
R725	1-218-823-91	s	RES, CHIP 100 (1608)
R726	1-218-839-91	s	RES, CHIP 470 (1608)
R727	1-218-855-91	s	RES, CHIP 2.2K (1608)
R729	1-218-855-91	s	RES, CHIP 2.2K (1608)
R730	1-216-850-91	s	RES, CHIP 270K (1608)
R731	1-216-850-91	s	RES, CHIP 270K (1608)
R732	1-216-851-91	s	RES, CHIP 330K (1608)
R733	1-216-851-91	s	RES, CHIP 330K (1608)
R734	1-216-851-91	s	RES, CHIP 330K (1608)
R735	1-219-743-91	s	RESISTOR (SURGE RESISTANT) 100
R736	1-219-743-91	s	RESISTOR (SURGE RESISTANT) 100
R737	1-216-809-91	s	RES, CHIP 100 (1608)
R738	1-216-829-91	s	RES, CHIP 4.7K (1608)
TP101	1-535-877-22	s	CHIP, CHECKER
TP102	1-535-877-22	s	CHIP, CHECKER
TP301	1-535-877-22	s	CHIP, CHECKER
TP302	1-535-877-22	s	CHIP, CHECKER
TP303	1-535-877-22	s	CHIP, CHECKER
TP501	1-535-877-22	s	CHIP, CHECKER
TP502	1-535-877-22	s	CHIP, CHECKER
TP701	1-535-877-22	s	CHIP, CHECKER
TP702	1-535-877-22	s	CHIP, CHECKER
TP703	1-535-877-22	s	CHIP, CHECKER
TP704	1-535-877-22	s	CHIP, CHECKER
TP705	1-535-877-22	s	CHIP, CHECKER
TP706	1-535-877-22	s	CHIP, CHECKER
TP707	1-535-877-22	s	CHIP, CHECKER
TP708	1-535-877-22	s	CHIP, CHECKER
TP709	1-535-877-22	s	CHIP, CHECKER

C BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-223-A	s	MOUNTED CIRCUIT BOARD, C
1pc	⚠ 1-251-116-12	s	SOCKET, CRT
C1	1-104-574-91	s	CAP, CERAMIC 4700PF B
C2	1-128-526-91	s	CAP, ELECT 100MF
C3	1-115-349-51	s	CAP, CERAMIC 10000PF F
C4	1-107-906-91	s	CAP, ELECT 10MF
C5	1-104-574-91	s	CAP, CERAMIC 4700PF B
C6	1-107-906-91	s	CAP, ELECT 10MF
C7	1-115-349-51	s	CAP, CERAMIC 10000PF F
CN1	1-695-915-21	s	TAB (CONTACT)
CN2	1-564-507-71	o	PLUG, CONNECTOR 4P
CN3	1-564-507-51	o	PLUG, CONNECTOR 4P
CN4	1-564-509-51	o	PLUG, CONNECTOR 6P
CN5	1-508-786-23	o	PIN, CONNECTOR (5MM PITCH) 2P
CN6	1-564-508-81	o	PLUG, CONNECTOR 5P
CN7	1-766-241-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN8	1-564-507-61	o	PLUG, CONNECTOR 4P
D1	8-719-979-61	s	DIODE EGP10GPKG23
D2	8-719-404-50	s	DIODE MA111-TX
D3	8-719-037-49	s	DIODE RD24SB-T1
L1	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L2	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L3	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L4	1-412-529-41	s	MICRO INDUCTOR 22UH
L5	1-410-465-21	s	MICRO INDUCTOR 3.9UH
Q1	8-729-140-99	s	TRANSISTOR 2SB734-T-34
Q2	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
R1	1-219-741-91	s	RESISTOR (SURGE RESISTANT) 10
R2	1-219-741-91	s	RESISTOR (SURGE RESISTANT) 10
R3	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R4	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R5	1-240-931-91	s	RES, (SURGE RESISTANT) 330
R6	1-240-931-91	s	RES, (SURGE RESISTANT) 330
R7	1-240-931-91	s	RES, (SURGE RESISTANT) 330
R8	1-249-426-91	s	RES, CARBON (SMALL) 5.6K
R9	1-219-513-91	s	RESISTOR(SURGE RESISTANT) 4.7M
R10	1-216-049-91	s	RES, CHIP 1.0K (2012)
R11	1-220-825-91	s	RES, (SURGE RESISTANT) 330K
R12	1-249-426-91	s	RES, CARBON (SMALL) 5.6K
R13	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R14	1-216-073-91	s	RES, CHIP 10K (2012)
R15	1-219-537-91	s	RESISTOR(SURGE RESISTANT) 3.3K
R17	1-219-741-91	s	RESISTOR (SURGE RESISTANT) 10
R18	1-245-947-11	s	RES, METAL FILM 30M
R19	1-240-929-91	s	RES, (SURGE RESISTANT) 68
RV1	1-223-410-21	s	RES, ADJ, METAL FILM 110M
SG1	1-519-422-21	s	GAP, SPARK
SG2	1-519-421-32	s	GAP, DISCHARGE
SG3	1-519-421-32	s	GAP, DISCHARGE
SG4	1-519-421-32	s	GAP, DISCHARGE
SG5	1-519-421-32	s	GAP, DISCHARGE
SG6	1-519-421-32	s	GAP, DISCHARGE
SG7	1-519-421-32	s	GAP, DISCHARGE
SG8	1-519-422-21	s	GAP, SPARK
SG9	1-519-421-32	s	GAP, DISCHARGE
TP1	1-535-877-22	s	CHIP, CHECKER
TP2	1-535-877-22	s	CHIP, CHECKER
TP3	1-535-877-22	s	CHIP, CHECKER
TP4	1-535-877-22	s	CHIP, CHECKER

C BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-154-A	s	MOUNTED CIRCUIT BOARD, C
C1	1-115-349-51	s	CAP, CERAMIC 10000PF F
C2	1-128-526-91	s	CAP, ELECT 100MF
C5	1-104-574-91	s	CAP, CERAMIC 4700PF B
C6	1-115-349-51	s	CAP, CERAMIC 10000PF F
CN1	1-695-915-21	s	TAB (CONTACT)
CN2	1-564-507-71	o	PLUG, CONNECTOR 4P
CN3	1-564-507-51	o	PLUG, CONNECTOR 4P
CN4	1-564-509-51	o	PLUG, CONNECTOR 6P
CN6	1-508-786-23	o	PIN, CONNECTOR (5MM PITCH) 2P
CN7	1-564-508-81	o	PLUG, CONNECTOR 5P
CN8	1-766-241-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN9	1-564-507-61	o	PLUG, CONNECTOR 4P
D1	8-719-979-61	s	DIODE EGP10GPKG23
D2	8-719-404-50	s	DIODE MA111-TX
J1	⚠ 1-251-640-11	s	SOCKET, CRT
L1	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L2	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L3	1-410-460-21	s	MICRO INDUCTOR 1.5UH
L4	1-412-529-41	s	MICRO INDUCTOR 22UH
L5	1-410-465-21	s	MICRO INDUCTOR 3.9UH
Q2	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
R1	1-240-928-91	s	RES, (SURGE RESISTANT) 33
R2	1-219-741-91	s	RESISTOR (SURGE RESISTANT) 10
R3	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R4	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R5	1-240-931-91	s	RES, (SURGE RESISTANT) 330
R6	1-240-931-91	s	RES, (SURGE RESISTANT) 330
R7	1-249-443-71	s	RES, CARBON 0.47
R8	1-219-537-91	s	RESISTOR(SURGE RESISTANT) 3.3K
R10	1-220-825-91	s	RES, (SURGE RESISTANT) 330K
R11	1-216-049-91	s	RES, CHIP 1.0K (2012)
R12	1-240-933-91	s	RES, (SURGE RESISTANT) 1.5K
R13	1-216-375-71	s	RES, METAL OXIDE FILM 3.3
R14	1-216-375-71	s	RES, METAL OXIDE FILM 3.3
R15	1-219-513-91	s	RESISTOR(SURGE RESISTANT) 4.7M
R16	1-216-073-91	s	RES, CHIP 10K (2012)
R17	1-219-741-91	s	RESISTOR (SURGE RESISTANT) 10
R19	1-240-929-91	s	RES, (SURGE RESISTANT) 68
SG1	1-519-421-32	s	GAP, DISCHARGE
SG2	1-519-421-32	s	GAP, DISCHARGE
SG3	1-519-421-32	s	GAP, DISCHARGE
SG4	1-519-421-32	s	GAP, DISCHARGE
SG5	1-519-422-21	s	GAP, SPARK
SG6	1-519-421-32	s	GAP, DISCHARGE
SG7	1-519-421-32	s	GAP, DISCHARGE
TP1	1-535-877-22	s	CHIP, CHECKER
TP2	1-535-877-22	s	CHIP, CHECKER
TP3	1-535-877-22	s	CHIP, CHECKER
TP4	1-535-877-22	s	CHIP, CHECKER

EA BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1134-024-A	s	MOUNTED CIRCUIT BOARD, EA
2pcs	7-682-647-09	s	SCREW +PS 3X6 (PANEL BRACKET(2))
C100	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C101	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C102	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C103	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C105	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C106	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C107	1-128-360-21	s	CAP, CHIP CELECT 220MF
C108	1-126-394-21	s	CAP, CHIP ELECT 10MF (4X5.7)
C200	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C201	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C202	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C203	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C204	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C205	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C206	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C207	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C210	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C211	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C213	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C214	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C217	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C218	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C219	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C220	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C221	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C222	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C223	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C224	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C225	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C226	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C227	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C228	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C229	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C230	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C231	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C233	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C235	1-112-161-21	s	CAP, CHIP ELECT 1000MF (10X10)
C236	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C237	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C238	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C239	1-115-412-91	s	CAP,CHIP CERAMIC 680PF CH 1608
C240	1-164-492-91	s	CAP, CERAMIC 150000PF B (2012)
C241	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C242	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C243	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C244	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C246	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C247	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C248	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C249	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C250	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C251	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C252	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C253	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C254	1-107-823-91	s	CAP, CERAMIC 470000PF B (2012)
C255	1-125-889-91	s	CAP, CHIP CERAMIC 2.2MF B 2012

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Ref. No. or Q'ty	Part No.	SP	Description
C256	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C257	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C258	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C260	1-112-161-21	s	CAP, CHIP ELECT 1000MF (10X10)
C261	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C304	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C305	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C306	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C307	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C308	1-137-710-91	s	CAP, CERAMIC 10MF B (2012)
C309	1-137-710-91	s	CAP, CERAMIC 10MF B (2012)
C310	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C311	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C312	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C314	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C316	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C317	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C318	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C319	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C320	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C322	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C323	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C324	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C325	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C326	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C327	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C329	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C330	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C331	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C332	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C333	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C334	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C336	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C337	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C339	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C340	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C342	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C343	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C344	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C345	1-104-609-21	s	CAP, CHIP ELECT 100MF (4X5.7)
C346	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C347	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C349	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C350	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C400	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C401	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C402	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C403	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C404	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C405	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C406	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C407	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C408	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C409	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C410	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C411	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C412	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C413	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C414	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)

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Ref. No. or Q'ty	Part No.	SP	Description
C415	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C416	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C417	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C418	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C419	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C625	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C626	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C627	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C628	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C629	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C630	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C631	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C632	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C633	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C634	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C635	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C636	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C637	1-125-889-91	s	CAP, CHIP CERAMIC 2.2MF B 2012
C638	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C639	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C640	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C641	1-137-894-21	s	CAP, ELECT (CHIP TYPE) 470MF
C642	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C643	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C644	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C645	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C646	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C647	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C648	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C649	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C650	1-127-820-91	s	CAP, CHIP CERAMIC 4.7MF B 3216
C651	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C652	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C653	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C655	1-165-667-21	s	CAP, ELECT 100MF
C656	1-165-668-21	s	CAP, ELECT 150MF
C657	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C658	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C700	1-128-536-21	s	CAP, CHIP ELECT 100MF
C701	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C702	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C703	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C704	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C705	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C706	1-128-536-21	s	CAP, CHIP ELECT 100MF
C707	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C708	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C709	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C710	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C711	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C712	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C713	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C714	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C715	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C716	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C717	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C718	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C719	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C720	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)

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Ref. No. or Q'ty	Part No.	SP	Description
C721	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C722	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C723	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C724	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C725	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C726	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C727	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C728	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C729	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C731	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C732	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C733	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C734	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
CN400	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN700	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN701	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN702	1-764-082-21	s	PIN, CONNECTOR (PC BOARD) 11P
D100	8-719-404-50	s	DIODE MA111-TX
D101	8-719-404-50	s	DIODE MA111-TX
D200	8-719-027-76	s	DIODE 1SS357-TPH3
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-404-50	s	DIODE MA111-TX
D400	8-719-064-52	s	DIODE CL-191YG-CD-T
D600	8-719-404-50	s	DIODE MA111-TX
D601	8-719-404-50	s	DIODE MA111-TX
D602	8-719-404-50	s	DIODE MA111-TX
D604	8-719-027-76	s	DIODE 1SS357-TPH3
D605	8-719-027-76	s	DIODE 1SS357-TPH3
D606	8-719-073-92	s	DIODE RB060L-40TE25
D607	8-719-073-92	s	DIODE RB060L-40TE25
D700	8-719-064-52	s	DIODE CL-191YG-CD-T
F600	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F601	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F602	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
FB700	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB701	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB702	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB703	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB704	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB705	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
IC100	8-759-523-84	s	IC TC74VHC14FT(EL)
IC101	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC102	8-759-523-84	s	IC TC74VHC14FT(EL)
IC103	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC104	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC105	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC200	8-759-157-42	s	IC TL082CPS-E20
IC201	8-759-157-42	s	IC TL082CPS-E20
IC203	8-759-564-49	s	IC TC7W53FU(TE12R)
IC204	8-759-157-42	s	IC TL082CPS-E20
IC206	8-759-157-42	s	IC TL082CPS-E20
IC208	6-707-832-01	s	IC CXD9563Q-A
IC302	6-704-006-01	s	IC BR24L64F-WE2
IC303	6-708-748-01	s	IC BD4828FVE-TR
IC304	6-708-748-01	s	IC BD4828FVE-TR
IC306	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC307	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)

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Ref. No. or Q'ty	Part No.	SP	Description
IC308	6-700-387-01	s	IC EPC2LC20N-TP
IC310	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC311	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC312	8-759-669-30	s	IC TC74VHC05FT(EL)
IC313	6-705-027-01	s	IC BD4840FVE-TR
IC400	6-709-436-01	s	IC LC4128V-5TN100CA1353
IC401	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC402	8-759-679-54	s	IC SN74LVC14APWR
IC403	8-759-679-54	s	IC SN74LVC14APWR
IC404	8-759-573-97	s	IC SN74LVC541APWR
IC405	8-759-679-54	s	IC SN74LVC14APWR
IC406	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC611	6-702-510-01	s	IC TPS5120DBTRG4
IC700	6-702-295-01	s	IC NJM78M12DL1A-TE1
IC701	8-759-539-89	s	IC LM2990SX-5.0
IC702	6-702-297-01	s	IC NJM79M12DL1A-TE1
IC703	6-705-469-01	s	IC BA50BC0FP-E2
IC704	8-759-523-84	s	IC TC74VHC14FT(EL)
IC705	8-759-523-84	s	IC TC74VHC14FT(EL)
IC706	6-705-468-01	s	IC BA33BC0FP-E2
IC707	8-759-523-84	s	IC TC74VHC14FT(EL)
IC708	8-759-523-84	s	IC TC74VHC14FT(EL)
IC709	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC710	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC711	8-759-476-80	s	IC LM75CIMX-3
IC712	8-759-523-84	s	IC TC74VHC14FT(EL)
IC713	8-759-669-50	s	IC SN74CBTD3306PWR-12
IC714	8-759-688-12	s	IC TC74VHCT125AFT(EL)
IC715	8-759-276-28	s	IC LM393PS-E20
L200	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L201	1-416-928-21	s	COIL, CHOKE (SMD) 470UH
L202	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L203	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L301	1-412-955-21	s	INDUCTOR, SMALL TYPE 22UH 2520
L400	1-412-955-21	s	INDUCTOR, SMALL TYPE 22UH 2520
L600	1-469-848-21	s	INDUCTOR (SMD)
L601	1-469-848-21	s	INDUCTOR (SMD)
L602	1-469-848-21	s	INDUCTOR (SMD)
L603	1-469-848-21	s	INDUCTOR (SMD)
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q102	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q103	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q105	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q106	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q107	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q108	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q109	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q201	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q202	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q203	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q204	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q205	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q206	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q207	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q208	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q209	8-729-029-04	s	TRANSISTOR DTC123JUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q603	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q605	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q606	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q607	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q608	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q609	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q612	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q613	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q615	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q617	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q618	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q700	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q701	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q702	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q703	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q704	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q705	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q708	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q709	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q710	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R100	1-216-813-91	s	RES, CHIP 220 (1608)
R101	1-216-813-91	s	RES, CHIP 220 (1608)
R102	1-216-813-91	s	RES, CHIP 220 (1608)
R103	1-216-809-91	s	RES, CHIP 100 (1608)
R104	1-216-813-91	s	RES, CHIP 220 (1608)
R105	1-216-813-91	s	RES, CHIP 220 (1608)
R106	1-216-813-91	s	RES, CHIP 220 (1608)
R107	1-216-813-91	s	RES, CHIP 220 (1608)
R108	1-216-813-91	s	RES, CHIP 220 (1608)
R109	1-216-813-91	s	RES, CHIP 220 (1608)
R110	1-216-833-91	s	RES, CHIP 10K (1608)
R111	1-216-833-91	s	RES, CHIP 10K (1608)
R112	1-216-813-91	s	RES, CHIP 220 (1608)
R113	1-216-833-91	s	RES, CHIP 10K (1608)
R114	1-216-845-91	s	RES, CHIP 100K (1608)
R115	1-216-833-91	s	RES, CHIP 10K (1608)
R116	1-216-813-91	s	RES, CHIP 220 (1608)
R117	1-216-833-91	s	RES, CHIP 10K (1608)
R118	1-216-813-91	s	RES, CHIP 220 (1608)
R119	1-216-813-91	s	RES, CHIP 220 (1608)
R120	1-216-813-91	s	RES, CHIP 220 (1608)
R121	1-216-833-91	s	RES, CHIP 10K (1608)
R122	1-216-845-91	s	RES, CHIP 100K (1608)
R123	1-216-833-91	s	RES, CHIP 10K (1608)
R124	1-216-833-91	s	RES, CHIP 10K (1608)
R125	1-216-845-91	s	RES, CHIP 100K (1608)
R126	1-216-845-91	s	RES, CHIP 100K (1608)
R127	1-216-845-91	s	RES, CHIP 100K (1608)
R128	1-216-833-91	s	RES, CHIP 10K (1608)
R129	1-216-813-91	s	RES, CHIP 220 (1608)
R130	1-216-813-91	s	RES, CHIP 220 (1608)
R131	1-216-813-91	s	RES, CHIP 220 (1608)
R132	1-216-813-91	s	RES, CHIP 220 (1608)
R133	1-216-813-91	s	RES, CHIP 220 (1608)
R134	1-216-813-91	s	RES, CHIP 220 (1608)
R135	1-216-813-91	s	RES, CHIP 220 (1608)
R136	1-216-813-91	s	RES, CHIP 220 (1608)
R137	1-216-813-91	s	RES, CHIP 220 (1608)
R138	1-216-813-91	s	RES, CHIP 220 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R139	1-216-813-91	s	RES, CHIP 220 (1608)
R140	1-216-813-91	s	RES, CHIP 220 (1608)
R141	1-216-813-91	s	RES, CHIP 220 (1608)
R142	1-216-833-91	s	RES, CHIP 10K (1608)
R143	1-216-845-91	s	RES, CHIP 100K (1608)
R144	1-216-845-91	s	RES, CHIP 100K (1608)
R145	1-216-845-91	s	RES, CHIP 100K (1608)
R146	1-216-813-91	s	RES, CHIP 220 (1608)
R147	1-216-813-91	s	RES, CHIP 220 (1608)
R148	1-216-845-91	s	RES, CHIP 100K (1608)
R149	1-216-845-91	s	RES, CHIP 100K (1608)
R150	1-216-813-91	s	RES, CHIP 220 (1608)
R151	1-216-813-91	s	RES, CHIP 220 (1608)
R152	1-216-813-91	s	RES, CHIP 220 (1608)
R153	1-216-833-91	s	RES, CHIP 10K (1608)
R155	1-218-872-91	s	RES, CHIP 11K (1608)
R156	1-216-833-91	s	RES, CHIP 10K (1608)
R157	1-216-833-91	s	RES, CHIP 10K (1608)
R158	1-216-827-91	s	RES, CHIP 3.3K (1608)
R159	1-216-822-91	s	RES, CHIP 1.2K (1608)
R161	1-216-833-91	s	RES, CHIP 10K (1608)
R162	1-216-809-91	s	RES, CHIP 100 (1608)
R163	1-216-825-91	s	RES, CHIP 2.2K (1608)
R164	1-216-809-91	s	RES, CHIP 100 (1608)
R200	1-218-871-91	s	RES, CHIP 10K (1608)
R201	1-218-871-91	s	RES, CHIP 10K (1608)
R202	1-216-821-91	s	RES, CHIP 1.0K (1608)
R203	1-218-863-91	s	RES, CHIP 4.7K (1608)
R204	1-218-887-91	s	RES, CHIP 47K (1608)
R205	1-218-887-91	s	RES, CHIP 47K (1608)
R206	1-218-871-91	s	RES, CHIP 10K (1608)
R207	1-216-821-91	s	RES, CHIP 1.0K (1608)
R208	1-216-829-91	s	RES, CHIP 4.7K (1608)
R211	1-216-821-91	s	RES, CHIP 1.0K (1608)
R212	1-216-809-91	s	RES, CHIP 100 (1608)
R213	1-216-829-91	s	RES, CHIP 4.7K (1608)
R218	1-216-833-91	s	RES, CHIP 10K (1608)
R219	1-218-847-91	s	RES, CHIP 1.0K (1608)
R220	1-216-833-91	s	RES, CHIP 10K (1608)
R221	1-216-833-91	s	RES, CHIP 10K (1608)
R224	1-218-887-91	s	RES, CHIP 47K (1608)
R225	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R226	1-218-871-91	s	RES, CHIP 10K (1608)
R227	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R228	1-218-877-91	s	RES, CHIP 18K (1608)
R229	1-216-821-91	s	RES, CHIP 1.0K (1608)
R230	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R231	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R232	1-218-861-91	s	RES, CHIP 3.9K (1608)
R233	1-216-821-91	s	RES, CHIP 1.0K (1608)
R234	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R235	1-216-821-91	s	RES, CHIP 1.0K (1608)
R238	1-218-887-91	s	RES, CHIP 47K (1608)
R239	1-218-851-91	s	RES, CHIP 1.5K (1608)
R241	1-218-859-91	s	RES, CHIP 3.3K (1608)
R242	1-216-821-91	s	RES, CHIP 1.0K (1608)
R243	1-216-809-91	s	RES, CHIP 100 (1608)
R245	1-216-809-91	s	RES, CHIP 100 (1608)
R247	1-216-809-91	s	RES, CHIP 100 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R248	1-216-809-91	s	RES, CHIP 100 (1608)
R249	1-216-821-91	s	RES, CHIP 1.0K (1608)
R250	1-216-821-91	s	RES, CHIP 1.0K (1608)
R251	1-216-821-91	s	RES, CHIP 1.0K (1608)
R252	1-216-821-91	s	RES, CHIP 1.0K (1608)
R253	1-216-821-91	s	RES, CHIP 1.0K (1608)
R257	1-216-821-91	s	RES, CHIP 1.0K (1608)
R258	1-216-821-91	s	RES, CHIP 1.0K (1608)
R259	1-216-821-91	s	RES, CHIP 1.0K (1608)
R260	1-216-821-91	s	RES, CHIP 1.0K (1608)
R261	1-216-809-91	s	RES, CHIP 100 (1608)
R262	1-216-809-91	s	RES, CHIP 100 (1608)
R263	1-216-849-91	s	RES, CHIP 220K (1608)
R264	1-218-901-91	s	RES, CHIP 180K (1608)
R265	1-218-879-91	s	RES, CHIP 22K (1608)
R267	1-216-833-91	s	RES, CHIP 10K (1608)
R268	1-216-833-91	s	RES, CHIP 10K (1608)
R270	1-216-857-91	s	RES, CHIP 1.0M (1608)
R271	1-216-837-91	s	RES, CHIP 22K (1608)
R272	1-218-852-91	s	RES, CHIP 1.6K (1608)
R273	1-218-839-91	s	RES, CHIP 470 (1608)
R275	1-216-825-91	s	RES, CHIP 2.2K (1608)
R276	1-218-858-91	s	RES, CHIP 3.0K (1608)
R277	1-218-855-91	s	RES, CHIP 2.2K (1608)
R278	1-218-838-91	s	RES, CHIP 430 (1608)
R279	1-218-871-91	s	RES, CHIP 10K (1608)
R280	1-216-857-91	s	RES, CHIP 1.0M (1608)
R282	1-216-809-91	s	RES, CHIP 100 (1608)
R283	1-216-829-91	s	RES, CHIP 4.7K (1608)
R284	1-218-887-91	s	RES, CHIP 47K (1608)
R285	1-218-869-91	s	RES, CHIP 8.2K (1608)
R287	1-216-813-91	s	RES, CHIP 220 (1608)
R289	1-216-857-91	s	RES, CHIP 1.0M (1608)
R290	1-216-805-91	s	RES, CHIP 47 (1608)
R292	1-216-809-91	s	RES, CHIP 100 (1608)
R294	1-216-833-91	s	RES, CHIP 10K (1608)
R295	1-216-837-91	s	RES, CHIP 22K (1608)
R296	1-216-825-91	s	RES, CHIP 2.2K (1608)
R301	1-216-813-91	s	RES, CHIP 220 (1608)
R302	1-216-833-91	s	RES, CHIP 10K (1608)
R303	1-216-833-91	s	RES, CHIP 10K (1608)
R304	1-216-833-91	s	RES, CHIP 10K (1608)
R305	1-216-833-91	s	RES, CHIP 10K (1608)
R307	1-216-797-91	s	RES, CHIP 10 (1608)
R308	1-216-815-91	s	RES, CHIP 330 (1608)
R309	1-216-815-91	s	RES, CHIP 330 (1608)
R310	1-216-815-91	s	RES, CHIP 330 (1608)
R311	1-216-829-91	s	RES, CHIP 4.7K (1608)
R312	1-216-829-91	s	RES, CHIP 4.7K (1608)
R313	1-216-845-91	s	RES, CHIP 100K (1608)
R314	1-216-829-91	s	RES, CHIP 4.7K (1608)
R315	1-216-829-91	s	RES, CHIP 4.7K (1608)
R323	1-216-833-91	s	RES, CHIP 10K (1608)
R325	1-216-833-91	s	RES, CHIP 10K (1608)
R400	1-216-829-91	s	RES, CHIP 4.7K (1608)
R403	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R404	1-216-829-91	s	RES, CHIP 4.7K (1608)
R407	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R409	1-216-864-91	s	CONDUCTOR, CHIP (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R410	1-216-829-91	s	RES, CHIP 4.7K (1608)
R413	1-216-829-91	s	RES, CHIP 4.7K (1608)
R415	1-216-829-91	s	RES, CHIP 4.7K (1608)
R417	1-216-801-91	s	RES, CHIP 22 (1608)
R418	1-216-801-91	s	RES, CHIP 22 (1608)
R419	1-216-797-91	s	RES, CHIP 10 (1608)
R420	1-216-801-91	s	RES, CHIP 22 (1608)
R421	1-216-801-91	s	RES, CHIP 22 (1608)
R422	1-216-801-91	s	RES, CHIP 22 (1608)
R423	1-216-825-91	s	RES, CHIP 2.2K (1608)
R424	1-216-807-91	s	RES, CHIP 68 (1608)
R425	1-216-807-91	s	RES, CHIP 68 (1608)
R426	1-216-807-91	s	RES, CHIP 68 (1608)
R427	1-216-807-91	s	RES, CHIP 68 (1608)
R428	1-216-807-91	s	RES, CHIP 68 (1608)
R429	1-216-807-91	s	RES, CHIP 68 (1608)
R430	1-216-807-91	s	RES, CHIP 68 (1608)
R431	1-216-807-91	s	RES, CHIP 68 (1608)
R432	1-216-801-91	s	RES, CHIP 22 (1608)
R433	1-216-809-91	s	RES, CHIP 100 (1608)
R434	1-216-801-91	s	RES, CHIP 22 (1608)
R435	1-216-807-91	s	RES, CHIP 68 (1608)
R436	1-216-807-91	s	RES, CHIP 68 (1608)
R437	1-216-801-91	s	RES, CHIP 22 (1608)
R438	1-216-807-91	s	RES, CHIP 68 (1608)
R439	1-216-801-91	s	RES, CHIP 22 (1608)
R440	1-216-837-91	s	RES, CHIP 22K (1608)
R441	1-216-809-91	s	RES, CHIP 100 (1608)
R442	1-216-837-91	s	RES, CHIP 22K (1608)
R443	1-216-837-91	s	RES, CHIP 22K (1608)
R444	1-216-837-91	s	RES, CHIP 22K (1608)
R445	1-216-833-91	s	RES, CHIP 10K (1608)
R446	1-216-837-91	s	RES, CHIP 22K (1608)
R613	1-218-833-91	s	RES, CHIP 270 (1608)
R614	1-218-865-91	s	RES, CHIP 5.6K (1608)
R616	1-218-871-91	s	RES, CHIP 10K (1608)
R617	1-218-895-91	s	RES, CHIP 100K (1608)
R619	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R620	1-216-809-91	s	RES, CHIP 100 (1608)
R621	1-216-833-91	s	RES, CHIP 10K (1608)
R622	1-216-829-91	s	RES, CHIP 4.7K (1608)
R623	1-216-827-91	s	RES, CHIP 3.3K (1608)
R624	1-216-822-91	s	RES, CHIP 1.2K (1608)
R627	1-218-867-91	s	RES, CHIP 6.8K (1608)
R628	1-218-901-91	s	RES, CHIP 180K (1608)
R629	1-218-905-91	s	RES, CHIP 270K (1608)
R630	1-218-881-91	s	RES, CHIP 27K (1608)
R631	1-216-837-91	s	RES, CHIP 22K (1608)
R632	1-218-873-91	s	RES, CHIP 12K (1608)
R633	1-216-833-91	s	RES, CHIP 10K (1608)
R634	1-216-833-91	s	RES, CHIP 10K (1608)
R635	1-216-833-91	s	RES, CHIP 10K (1608)
R636	1-218-901-91	s	RES, CHIP 180K (1608)
R638	1-216-821-91	s	RES, CHIP 1.0K (1608)
R640	1-218-849-91	s	RES, CHIP 1.2K (1608)
R641	1-218-875-91	s	RES, CHIP 15K (1608)
R642	1-218-861-91	s	RES, CHIP 3.9K (1608)
R643	1-218-875-91	s	RES, CHIP 15K (1608)
R644	1-218-863-91	s	RES, CHIP 4.7K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R645	1-216-833-91	s	RES, CHIP 10K (1608)
R646	1-216-833-91	s	RES, CHIP 10K (1608)
R647	1-216-793-91	s	RES, CHIP 4.7 (1608)
R648	1-216-793-91	s	RES, CHIP 4.7 (1608)
R649	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R700	1-216-845-91	s	RES, CHIP 100K (1608)
R701	1-216-805-91	s	RES, CHIP 47 (1608)
R702	1-216-801-91	s	RES, CHIP 22 (1608)
R703	1-216-809-91	s	RES, CHIP 100 (1608)
R704	1-216-809-91	s	RES, CHIP 100 (1608)
R705	1-216-809-91	s	RES, CHIP 100 (1608)
R706	1-216-833-91	s	RES, CHIP 10K (1608)
R707	1-216-809-91	s	RES, CHIP 100 (1608)
R709	1-216-809-91	s	RES, CHIP 100 (1608)
R710	1-216-833-91	s	RES, CHIP 10K (1608)
R711	1-216-833-91	s	RES, CHIP 10K (1608)
R712	1-216-805-91	s	RES, CHIP 47 (1608)
R713	1-216-809-91	s	RES, CHIP 100 (1608)
R714	1-216-833-91	s	RES, CHIP 10K (1608)
R715	1-216-833-91	s	RES, CHIP 10K (1608)
R717	1-216-809-91	s	RES, CHIP 100 (1608)
R718	1-216-813-91	s	RES, CHIP 220 (1608)
R719	1-216-821-91	s	RES, CHIP 1.0K (1608)
R720	1-216-809-91	s	RES, CHIP 100 (1608)
R721	1-216-809-91	s	RES, CHIP 100 (1608)
R722	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R723	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R724	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R725	1-216-833-91	s	RES, CHIP 10K (1608)
R726	1-216-821-91	s	RES, CHIP 1.0K (1608)
R727	1-216-833-91	s	RES, CHIP 10K (1608)
R728	1-216-821-91	s	RES, CHIP 1.0K (1608)
R729	1-216-853-91	s	RES, CHIP 470K (1608)
R730	1-216-853-91	s	RES, CHIP 470K (1608)
R735	1-216-833-91	s	RES, CHIP 10K (1608)
R736	1-216-809-91	s	RES, CHIP 100 (1608)
R737	1-216-805-91	s	RES, CHIP 47 (1608)
R738	1-216-809-91	s	RES, CHIP 100 (1608)
R739	1-216-805-91	s	RES, CHIP 47 (1608)
R740	1-216-821-91	s	RES, CHIP 1.0K (1608)
R741	1-216-823-91	s	RES, CHIP 1.5K (1608)
R742	1-216-809-91	s	RES, CHIP 100 (1608)
R743	1-216-845-91	s	RES, CHIP 100K (1608)
R744	1-216-833-91	s	RES, CHIP 10K (1608)
R745	1-216-829-91	s	RES, CHIP 4.7K (1608)
R746	1-216-833-91	s	RES, CHIP 10K (1608)
R747	1-216-833-91	s	RES, CHIP 10K (1608)
R748	1-216-833-91	s	RES, CHIP 10K (1608)
R749	1-216-829-91	s	RES, CHIP 4.7K (1608)
R750	1-218-871-91	s	RES, CHIP 10K (1608)
R751	1-218-879-91	s	RES, CHIP 22K (1608)
R752	1-218-883-91	s	RES, CHIP 33K (1608)
R753	1-218-878-91	s	RES, CHIP 20K (1608)
R754	1-216-833-91	s	RES, CHIP 10K (1608)
R755	1-216-809-91	s	RES, CHIP 100 (1608)
R756	1-216-809-91	s	RES, CHIP 100 (1608)
R757	1-216-809-91	s	RES, CHIP 100 (1608)
RB400	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB401	1-233-415-21	s	RES, CHIP NETWORK 10K (3216)
RB402	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB403	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB404	1-233-880-21	s	RES, NETWORK 68 (3216)
RB405	1-233-880-21	s	RES, NETWORK 68 (3216)
RB406	1-233-880-21	s	RES, NETWORK 68 (3216)
RB407	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB408	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB409	1-233-880-21	s	RES, NETWORK 68 (3216)
RB410	1-233-880-21	s	RES, NETWORK 68 (3216)
RB411	1-233-880-21	s	RES, NETWORK 68 (3216)
RB412	1-233-880-21	s	RES, NETWORK 68 (3216)
RB413	1-233-880-21	s	RES, NETWORK 68 (3216)
RB414	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB415	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB416	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
S300	1-771-709-21	s	SWITCH, SLIDE
TP200	1-535-877-22	s	CHIP, CHECKER
TP201	1-535-877-22	s	CHIP, CHECKER
TP202	1-535-877-22	s	CHIP, CHECKER
TP203	1-535-877-22	s	CHIP, CHECKER
TP204	1-535-877-22	s	CHIP, CHECKER
TP400	1-535-877-22	s	CHIP, CHECKER
TP401	1-535-877-22	s	CHIP, CHECKER
TP609	1-535-877-22	s	CHIP, CHECKER
TP610	1-535-877-22	s	CHIP, CHECKER
TP700	1-535-877-22	s	CHIP, CHECKER
TP701	1-535-877-22	s	CHIP, CHECKER
TP702	1-535-877-22	s	CHIP, CHECKER
TP703	1-535-877-22	s	CHIP, CHECKER
TP704	1-535-877-22	s	CHIP, CHECKER
TP705	1-535-877-22	s	CHIP, CHECKER
TP706	1-535-877-22	s	CHIP, CHECKER
TP707	1-535-877-22	s	CHIP, CHECKER
TP708	1-535-877-22	s	CHIP, CHECKER
X300	1-795-984-11	s	OSCILLATOR, CRYSTAL
X400	1-795-984-11	s	OSCILLATOR, CRYSTAL

EA BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1173-136-A	s	MOUNTED CIRCUIT BOARD, EA
2pcs	7-682-647-09	s	SCREW +PS 3X6 (PANEL BRACKET(2))
C100	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C101	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C102	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C103	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C105	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C106	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C107	1-128-360-21	s	CAP, CHIP CELECT 220MF
C108	1-126-394-21	s	CAP, CHIP ELECT 10MF (4X5.7)
C200	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C201	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C202	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C203	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C204	1-104-760-91	s	CAP, CERAMIC 47000PF B (2012)
C205	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C206	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C207	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C210	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C211	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C213	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C214	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C217	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C218	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C219	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C220	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C221	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C222	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C223	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C224	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C225	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C226	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C227	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C228	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C229	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C230	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C231	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C233	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C235	1-112-161-21	s	CAP, CHIP ELECT 1000MF (10X10)
C236	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C237	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C238	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C239	1-115-412-91	s	CAP,CHIP CERAMIC 680PF CH 1608
C240	1-164-492-91	s	CAP, CERAMIC 150000PF B (2012)
C241	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C242	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C243	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C244	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C246	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C247	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C248	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C249	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C250	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C251	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C252	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C253	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C254	1-107-823-91	s	CAP, CERAMIC 470000PF B (2012)
C255	1-125-889-91	s	CAP, CHIP CERAMIC 2.2MF B 2012

(EA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
C256	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C257	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C258	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C260	1-112-161-21	s	CAP, CHIP ELECT 1000MF (10X10)
C261	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C304	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C305	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C306	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C307	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C308	1-137-710-91	s	CAP, CERAMIC 10MF B (2012)
C309	1-137-710-91	s	CAP, CERAMIC 10MF B (2012)
C310	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C311	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C312	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C314	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C316	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C317	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C318	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C319	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C320	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C322	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C323	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C324	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C325	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C326	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C327	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C329	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C330	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C331	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C332	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C333	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C334	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C336	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C337	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C339	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C340	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C342	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C343	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C344	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C345	1-104-609-21	s	CAP, CHIP ELECT 100MF (4X5.7)
C346	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C347	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C349	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C350	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C400	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C401	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C402	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C403	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C404	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C405	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C406	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C407	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C408	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C409	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C410	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C411	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C412	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C413	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C414	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)

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Ref. No. or Q'ty	Part No.	SP	Description
C415	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C416	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C417	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C418	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C419	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C625	1-126-391-21	s	CAP, CHIP ELECT 47MF (5X5.7)
C626	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C627	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C628	1-135-344-21	s	CAP, ELECT 270MF (10X8)
C629	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C630	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C631	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C632	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C633	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C634	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C635	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C636	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C637	1-125-889-91	s	CAP, CHIP CERAMIC 2.2MF B 2012
C638	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C639	1-162-925-91	s	CAP, CERAMIC 68PF CH 1608
C640	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C641	1-137-894-21	s	CAP, ELECT (CHIP TYPE) 470MF
C642	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C643	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C644	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C645	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C646	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C647	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C648	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C649	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C650	1-127-820-91	s	CAP, CHIP CERAMIC 4.7MF B 3216
C651	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C652	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C653	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C655	1-165-667-21	s	CAP, ELECT 100MF
C656	1-165-668-21	s	CAP, ELECT 150MF
C657	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C658	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C700	1-128-536-21	s	CAP, CHIP ELECT 100MF
C701	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C702	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C703	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C704	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C705	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C706	1-128-536-21	s	CAP, CHIP ELECT 100MF
C707	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C708	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C709	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C710	1-126-396-21	s	CAP, CHIP ELECT 47MF (6.3X5.7)
C711	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C712	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C713	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C714	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C715	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C716	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C717	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C718	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C719	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C720	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)

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Ref. No. or Q'ty	Part No.	SP	Description
C721	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C722	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C723	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C724	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C725	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C726	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C727	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C728	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C729	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C731	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C732	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C733	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C734	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
CN400	1-764-080-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN700	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN701	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN702	1-764-082-21	s	PIN, CONNECTOR (PC BOARD) 11P
D100	8-719-404-50	s	DIODE MA111-TX
D101	8-719-404-50	s	DIODE MA111-TX
D200	8-719-027-76	s	DIODE 1SS357-TPH3
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-404-50	s	DIODE MA111-TX
D400	8-719-064-52	s	DIODE CL-191YG-CD-T
D600	8-719-404-50	s	DIODE MA111-TX
D601	8-719-404-50	s	DIODE MA111-TX
D602	8-719-404-50	s	DIODE MA111-TX
D604	8-719-027-76	s	DIODE 1SS357-TPH3
D605	8-719-027-76	s	DIODE 1SS357-TPH3
D606	8-719-073-92	s	DIODE RB060L-40TE25
D607	8-719-073-92	s	DIODE RB060L-40TE25
D700	8-719-064-52	s	DIODE CL-191YG-CD-T
F600	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F601	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
F602	1-533-804-21	s	FUSE (SMD) (2.5A/125V)
FB700	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB701	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB702	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB703	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB704	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
FB705	1-500-448-21	s	FERRITE, EMI (SMD) (3216)
IC100	8-759-523-84	s	IC TC74VHC14FT(EL)
IC101	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC102	8-759-523-84	s	IC TC74VHC14FT(EL)
IC103	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC104	8-759-491-46	s	IC TC74VHCT04AFT(EL)
IC105	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC200	8-759-157-42	s	IC TL082CPS-E20
IC201	8-759-157-42	s	IC TL082CPS-E20
IC203	8-759-564-49	s	IC TC7W53FU(TE12R)
IC204	8-759-157-42	s	IC TL082CPS-E20
IC206	8-759-157-42	s	IC TL082CPS-E20
IC208	6-707-832-01	s	IC CXD9563Q-A
IC302	6-704-006-01	s	IC BR24L64F-WE2
IC303	6-708-748-01	s	IC BD4828FVE-TR
IC304	6-708-748-01	s	IC BD4828FVE-TR
IC306	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC307	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)

(EA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
IC308	6-700-387-01	s	IC EPC2LC20N-TP
IC310	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC311	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC312	8-759-669-30	s	IC TC74VHC05FT(EL)
IC313	6-705-027-01	s	IC BD4840FVE-TR
IC400	6-709-436-01	s	IC LC4128V-5TN100CA1353
IC401	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC402	8-759-679-54	s	IC SN74LVC14APWR
IC403	8-759-679-54	s	IC SN74LVC14APWR
IC404	8-759-573-97	s	IC SN74LVC541APWR
IC405	8-759-679-54	s	IC SN74LVC14APWR
IC406	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC611	6-702-510-01	s	IC TPS5120DBTRG4
IC700	6-702-295-01	s	IC NJM78M12DL1A-TE1
IC701	8-759-539-89	s	IC LM2990SX-5.0
IC702	6-702-297-01	s	IC NJM79M12DL1A-TE1
IC703	6-705-469-01	s	IC BA50BC0FP-E2
IC704	8-759-523-84	s	IC TC74VHC14FT(EL)
IC705	8-759-523-84	s	IC TC74VHC14FT(EL)
IC706	6-705-468-01	s	IC BA33BC0FP-E2
IC707	8-759-523-84	s	IC TC74VHC14FT(EL)
IC708	8-759-523-84	s	IC TC74VHC14FT(EL)
IC709	8-759-592-46	s	IC TC7SZ05FU(TE85R)
IC710	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC711	8-759-476-80	s	IC LM75CIMX-3
IC712	8-759-523-84	s	IC TC74VHC14FT(EL)
IC713	8-759-669-50	s	IC SN74CBTD3306PWR-12
IC714	8-759-688-12	s	IC TC74VHCT125AFT(EL)
IC715	8-759-276-28	s	IC LM393PS-E20
L200	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L201	1-416-928-21	s	COIL, CHOKE (SMD) 470UH
L202	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L203	1-469-553-21	s	INDUCTOR, CHIP 4.7UH (LB2016)
L301	1-412-955-21	s	INDUCTOR, SMALL TYPE 22UH 2520
L400	1-412-955-21	s	INDUCTOR, SMALL TYPE 22UH 2520
L600	1-469-848-21	s	INDUCTOR (SMD)
L601	1-469-848-21	s	INDUCTOR (SMD)
L602	1-469-848-21	s	INDUCTOR (SMD)
L603	1-469-848-21	s	INDUCTOR (SMD)
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q102	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q103	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q105	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q106	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q107	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q108	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q109	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q201	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q202	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q203	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q204	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q205	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q206	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q207	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q208	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q209	8-729-029-04	s	TRANSISTOR DTC123JUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q603	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q605	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q606	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q607	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q608	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q609	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q612	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q613	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q615	6-550-374-01	s	TRANSISTOR TPC8009-H (T2LSONYF
Q617	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q618	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q700	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q701	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q702	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q703	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q704	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q705	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q708	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q709	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q710	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R100	1-216-813-91	s	RES, CHIP 220 (1608)
R101	1-216-813-91	s	RES, CHIP 220 (1608)
R102	1-216-813-91	s	RES, CHIP 220 (1608)
R103	1-216-809-91	s	RES, CHIP 100 (1608)
R104	1-216-813-91	s	RES, CHIP 220 (1608)
R105	1-216-813-91	s	RES, CHIP 220 (1608)
R106	1-216-813-91	s	RES, CHIP 220 (1608)
R107	1-216-813-91	s	RES, CHIP 220 (1608)
R108	1-216-813-91	s	RES, CHIP 220 (1608)
R109	1-216-813-91	s	RES, CHIP 220 (1608)
R110	1-216-833-91	s	RES, CHIP 10K (1608)
R111	1-216-833-91	s	RES, CHIP 10K (1608)
R112	1-216-813-91	s	RES, CHIP 220 (1608)
R113	1-216-833-91	s	RES, CHIP 10K (1608)
R114	1-216-845-91	s	RES, CHIP 100K (1608)
R115	1-216-833-91	s	RES, CHIP 10K (1608)
R116	1-216-813-91	s	RES, CHIP 220 (1608)
R117	1-216-833-91	s	RES, CHIP 10K (1608)
R118	1-216-813-91	s	RES, CHIP 220 (1608)
R119	1-216-813-91	s	RES, CHIP 220 (1608)
R120	1-216-813-91	s	RES, CHIP 220 (1608)
R121	1-216-833-91	s	RES, CHIP 10K (1608)
R122	1-216-845-91	s	RES, CHIP 100K (1608)
R123	1-216-833-91	s	RES, CHIP 10K (1608)
R124	1-216-833-91	s	RES, CHIP 10K (1608)
R125	1-216-845-91	s	RES, CHIP 100K (1608)
R126	1-216-845-91	s	RES, CHIP 100K (1608)
R127	1-216-845-91	s	RES, CHIP 100K (1608)
R128	1-216-833-91	s	RES, CHIP 10K (1608)
R129	1-216-813-91	s	RES, CHIP 220 (1608)
R130	1-216-813-91	s	RES, CHIP 220 (1608)
R131	1-216-813-91	s	RES, CHIP 220 (1608)
R132	1-216-813-91	s	RES, CHIP 220 (1608)
R133	1-216-813-91	s	RES, CHIP 220 (1608)
R134	1-216-813-91	s	RES, CHIP 220 (1608)
R135	1-216-813-91	s	RES, CHIP 220 (1608)
R136	1-216-813-91	s	RES, CHIP 220 (1608)
R137	1-216-813-91	s	RES, CHIP 220 (1608)
R138	1-216-813-91	s	RES, CHIP 220 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R139	1-216-813-91	s	RES, CHIP 220 (1608)
R140	1-216-813-91	s	RES, CHIP 220 (1608)
R141	1-216-813-91	s	RES, CHIP 220 (1608)
R142	1-216-833-91	s	RES, CHIP 10K (1608)
R143	1-216-845-91	s	RES, CHIP 100K (1608)
R144	1-216-845-91	s	RES, CHIP 100K (1608)
R145	1-216-845-91	s	RES, CHIP 100K (1608)
R146	1-216-813-91	s	RES, CHIP 220 (1608)
R147	1-216-813-91	s	RES, CHIP 220 (1608)
R148	1-216-845-91	s	RES, CHIP 100K (1608)
R149	1-216-845-91	s	RES, CHIP 100K (1608)
R150	1-216-813-91	s	RES, CHIP 220 (1608)
R151	1-216-813-91	s	RES, CHIP 220 (1608)
R152	1-216-813-91	s	RES, CHIP 220 (1608)
R153	1-216-833-91	s	RES, CHIP 10K (1608)
R155	1-218-872-91	s	RES, CHIP 11K (1608)
R156	1-216-833-91	s	RES, CHIP 10K (1608)
R157	1-216-833-91	s	RES, CHIP 10K (1608)
R158	1-216-827-91	s	RES, CHIP 3.3K (1608)
R159	1-216-822-91	s	RES, CHIP 1.2K (1608)
R161	1-216-833-91	s	RES, CHIP 10K (1608)
R162	1-216-809-91	s	RES, CHIP 100 (1608)
R163	1-216-825-91	s	RES, CHIP 2.2K (1608)
R164	1-216-809-91	s	RES, CHIP 100 (1608)
R200	1-218-871-91	s	RES, CHIP 10K (1608)
R201	1-218-871-91	s	RES, CHIP 10K (1608)
R202	1-216-821-91	s	RES, CHIP 1.0K (1608)
R203	1-218-863-91	s	RES, CHIP 4.7K (1608)
R204	1-218-887-91	s	RES, CHIP 47K (1608)
R205	1-218-887-91	s	RES, CHIP 47K (1608)
R206	1-218-871-91	s	RES, CHIP 10K (1608)
R207	1-216-821-91	s	RES, CHIP 1.0K (1608)
R208	1-216-829-91	s	RES, CHIP 4.7K (1608)
R211	1-216-821-91	s	RES, CHIP 1.0K (1608)
R212	1-216-809-91	s	RES, CHIP 100 (1608)
R213	1-216-829-91	s	RES, CHIP 4.7K (1608)
R218	1-216-833-91	s	RES, CHIP 10K (1608)
R219	1-218-847-91	s	RES, CHIP 1.0K (1608)
R220	1-216-833-91	s	RES, CHIP 10K (1608)
R221	1-216-833-91	s	RES, CHIP 10K (1608)
R224	1-218-887-91	s	RES, CHIP 47K (1608)
R225	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R226	1-218-871-91	s	RES, CHIP 10K (1608)
R227	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R228	1-218-877-91	s	RES, CHIP 18K (1608)
R229	1-216-821-91	s	RES, CHIP 1.0K (1608)
R230	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R231	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R232	1-218-861-91	s	RES, CHIP 3.9K (1608)
R233	1-216-821-91	s	RES, CHIP 1.0K (1608)
R234	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R235	1-216-821-91	s	RES, CHIP 1.0K (1608)
R238	1-218-887-91	s	RES, CHIP 47K (1608)
R239	1-218-851-91	s	RES, CHIP 1.5K (1608)
R241	1-218-859-91	s	RES, CHIP 3.3K (1608)
R242	1-216-821-91	s	RES, CHIP 1.0K (1608)
R243	1-216-809-91	s	RES, CHIP 100 (1608)
R245	1-216-809-91	s	RES, CHIP 100 (1608)
R247	1-216-809-91	s	RES, CHIP 100 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R248	1-216-809-91	s	RES, CHIP 100 (1608)
R249	1-216-821-91	s	RES, CHIP 1.0K (1608)
R250	1-216-821-91	s	RES, CHIP 1.0K (1608)
R251	1-216-821-91	s	RES, CHIP 1.0K (1608)
R252	1-216-821-91	s	RES, CHIP 1.0K (1608)
R253	1-216-821-91	s	RES, CHIP 1.0K (1608)
R257	1-216-821-91	s	RES, CHIP 1.0K (1608)
R258	1-216-821-91	s	RES, CHIP 1.0K (1608)
R259	1-216-821-91	s	RES, CHIP 1.0K (1608)
R260	1-216-821-91	s	RES, CHIP 1.0K (1608)
R261	1-216-809-91	s	RES, CHIP 100 (1608)
R262	1-216-809-91	s	RES, CHIP 100 (1608)
R263	1-216-849-91	s	RES, CHIP 220K (1608)
R264	1-218-901-91	s	RES, CHIP 180K (1608)
R265	1-218-879-91	s	RES, CHIP 22K (1608)
R267	1-216-833-91	s	RES, CHIP 10K (1608)
R268	1-216-833-91	s	RES, CHIP 10K (1608)
R270	1-216-857-91	s	RES, CHIP 1.0M (1608)
R271	1-216-837-91	s	RES, CHIP 22K (1608)
R272	1-218-852-91	s	RES, CHIP 1.6K (1608)
R273	1-218-839-91	s	RES, CHIP 470 (1608)
R275	1-216-825-91	s	RES, CHIP 2.2K (1608)
R276	1-218-858-91	s	RES, CHIP 3.0K (1608)
R277	1-218-855-91	s	RES, CHIP 2.2K (1608)
R278	1-218-838-91	s	RES, CHIP 430 (1608)
R279	1-218-871-91	s	RES, CHIP 10K (1608)
R280	1-216-857-91	s	RES, CHIP 1.0M (1608)
R282	1-216-809-91	s	RES, CHIP 100 (1608)
R283	1-216-829-91	s	RES, CHIP 4.7K (1608)
R284	1-218-887-91	s	RES, CHIP 47K (1608)
R285	1-218-869-91	s	RES, CHIP 8.2K (1608)
R287	1-216-813-91	s	RES, CHIP 220 (1608)
R289	1-216-857-91	s	RES, CHIP 1.0M (1608)
R290	1-216-805-91	s	RES, CHIP 47 (1608)
R292	1-216-809-91	s	RES, CHIP 100 (1608)
R294	1-216-833-91	s	RES, CHIP 10K (1608)
R295	1-216-837-91	s	RES, CHIP 22K (1608)
R296	1-216-825-91	s	RES, CHIP 2.2K (1608)
R301	1-216-813-91	s	RES, CHIP 220 (1608)
R302	1-216-833-91	s	RES, CHIP 10K (1608)
R303	1-216-833-91	s	RES, CHIP 10K (1608)
R304	1-216-833-91	s	RES, CHIP 10K (1608)
R305	1-216-833-91	s	RES, CHIP 10K (1608)
R307	1-216-797-91	s	RES, CHIP 10 (1608)
R308	1-216-815-91	s	RES, CHIP 330 (1608)
R309	1-216-815-91	s	RES, CHIP 330 (1608)
R310	1-216-815-91	s	RES, CHIP 330 (1608)
R311	1-216-829-91	s	RES, CHIP 4.7K (1608)
R312	1-216-829-91	s	RES, CHIP 4.7K (1608)
R313	1-216-845-91	s	RES, CHIP 100K (1608)
R314	1-216-829-91	s	RES, CHIP 4.7K (1608)
R315	1-216-829-91	s	RES, CHIP 4.7K (1608)
R323	1-216-833-91	s	RES, CHIP 10K (1608)
R325	1-216-833-91	s	RES, CHIP 10K (1608)
R400	1-216-829-91	s	RES, CHIP 4.7K (1608)
R403	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R404	1-216-829-91	s	RES, CHIP 4.7K (1608)
R407	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R409	1-216-864-91	s	CONDUCTOR, CHIP (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R410	1-216-829-91	s	RES, CHIP 4.7K (1608)
R413	1-216-829-91	s	RES, CHIP 4.7K (1608)
R415	1-216-829-91	s	RES, CHIP 4.7K (1608)
R417	1-216-801-91	s	RES, CHIP 22 (1608)
R418	1-216-801-91	s	RES, CHIP 22 (1608)
R419	1-216-797-91	s	RES, CHIP 10 (1608)
R420	1-216-801-91	s	RES, CHIP 22 (1608)
R421	1-216-801-91	s	RES, CHIP 22 (1608)
R422	1-216-801-91	s	RES, CHIP 22 (1608)
R423	1-216-825-91	s	RES, CHIP 2.2K (1608)
R424	1-216-807-91	s	RES, CHIP 68 (1608)
R425	1-216-807-91	s	RES, CHIP 68 (1608)
R426	1-216-807-91	s	RES, CHIP 68 (1608)
R427	1-216-807-91	s	RES, CHIP 68 (1608)
R428	1-216-807-91	s	RES, CHIP 68 (1608)
R429	1-216-807-91	s	RES, CHIP 68 (1608)
R430	1-216-807-91	s	RES, CHIP 68 (1608)
R431	1-216-807-91	s	RES, CHIP 68 (1608)
R432	1-216-801-91	s	RES, CHIP 22 (1608)
R433	1-216-809-91	s	RES, CHIP 100 (1608)
R434	1-216-801-91	s	RES, CHIP 22 (1608)
R435	1-216-807-91	s	RES, CHIP 68 (1608)
R436	1-216-807-91	s	RES, CHIP 68 (1608)
R437	1-216-801-91	s	RES, CHIP 22 (1608)
R438	1-216-807-91	s	RES, CHIP 68 (1608)
R439	1-216-801-91	s	RES, CHIP 22 (1608)
R440	1-216-837-91	s	RES, CHIP 22K (1608)
R441	1-216-809-91	s	RES, CHIP 100 (1608)
R442	1-216-837-91	s	RES, CHIP 22K (1608)
R443	1-216-837-91	s	RES, CHIP 22K (1608)
R444	1-216-837-91	s	RES, CHIP 22K (1608)
R445	1-216-833-91	s	RES, CHIP 10K (1608)
R446	1-216-837-91	s	RES, CHIP 22K (1608)
R613	1-218-833-91	s	RES, CHIP 270 (1608)
R614	1-218-865-91	s	RES, CHIP 5.6K (1608)
R616	1-218-871-91	s	RES, CHIP 10K (1608)
R617	1-218-895-91	s	RES, CHIP 100K (1608)
R619	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R620	1-216-809-91	s	RES, CHIP 100 (1608)
R621	1-216-833-91	s	RES, CHIP 10K (1608)
R622	1-216-829-91	s	RES, CHIP 4.7K (1608)
R623	1-216-827-91	s	RES, CHIP 3.3K (1608)
R624	1-216-822-91	s	RES, CHIP 1.2K (1608)
R627	1-218-867-91	s	RES, CHIP 6.8K (1608)
R628	1-218-901-91	s	RES, CHIP 180K (1608)
R629	1-218-905-91	s	RES, CHIP 270K (1608)
R630	1-218-881-91	s	RES, CHIP 27K (1608)
R631	1-216-837-91	s	RES, CHIP 22K (1608)
R632	1-218-873-91	s	RES, CHIP 12K (1608)
R633	1-216-833-91	s	RES, CHIP 10K (1608)
R634	1-216-833-91	s	RES, CHIP 10K (1608)
R635	1-216-833-91	s	RES, CHIP 10K (1608)
R636	1-218-901-91	s	RES, CHIP 180K (1608)
R638	1-216-821-91	s	RES, CHIP 1.0K (1608)
R640	1-218-849-91	s	RES, CHIP 1.2K (1608)
R641	1-218-875-91	s	RES, CHIP 15K (1608)
R642	1-218-861-91	s	RES, CHIP 3.9K (1608)
R643	1-218-875-91	s	RES, CHIP 15K (1608)
R644	1-218-863-91	s	RES, CHIP 4.7K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R645	1-216-833-91	s	RES, CHIP 10K (1608)
R646	1-216-833-91	s	RES, CHIP 10K (1608)
R647	1-216-793-91	s	RES, CHIP 4.7 (1608)
R648	1-216-793-91	s	RES, CHIP 4.7 (1608)
R649	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R700	1-216-845-91	s	RES, CHIP 100K (1608)
R701	1-216-805-91	s	RES, CHIP 47 (1608)
R702	1-216-801-91	s	RES, CHIP 22 (1608)
R703	1-216-809-91	s	RES, CHIP 100 (1608)
R704	1-216-809-91	s	RES, CHIP 100 (1608)
R705	1-216-809-91	s	RES, CHIP 100 (1608)
R706	1-216-833-91	s	RES, CHIP 10K (1608)
R707	1-216-809-91	s	RES, CHIP 100 (1608)
R709	1-216-809-91	s	RES, CHIP 100 (1608)
R710	1-216-833-91	s	RES, CHIP 10K (1608)
R711	1-216-833-91	s	RES, CHIP 10K (1608)
R712	1-216-805-91	s	RES, CHIP 47 (1608)
R713	1-216-809-91	s	RES, CHIP 100 (1608)
R714	1-216-833-91	s	RES, CHIP 10K (1608)
R715	1-216-833-91	s	RES, CHIP 10K (1608)
R717	1-216-809-91	s	RES, CHIP 100 (1608)
R718	1-216-813-91	s	RES, CHIP 220 (1608)
R719	1-216-821-91	s	RES, CHIP 1.0K (1608)
R720	1-216-809-91	s	RES, CHIP 100 (1608)
R721	1-216-809-91	s	RES, CHIP 100 (1608)
R722	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R723	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R724	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R725	1-216-833-91	s	RES, CHIP 10K (1608)
R726	1-216-821-91	s	RES, CHIP 1.0K (1608)
R727	1-216-833-91	s	RES, CHIP 10K (1608)
R728	1-216-821-91	s	RES, CHIP 1.0K (1608)
R729	1-216-853-91	s	RES, CHIP 470K (1608)
R730	1-216-853-91	s	RES, CHIP 470K (1608)
R735	1-216-833-91	s	RES, CHIP 10K (1608)
R736	1-216-809-91	s	RES, CHIP 100 (1608)
R737	1-216-805-91	s	RES, CHIP 47 (1608)
R738	1-216-809-91	s	RES, CHIP 100 (1608)
R739	1-216-805-91	s	RES, CHIP 47 (1608)
R740	1-216-821-91	s	RES, CHIP 1.0K (1608)
R741	1-216-823-91	s	RES, CHIP 1.5K (1608)
R742	1-216-809-91	s	RES, CHIP 100 (1608)
R743	1-216-845-91	s	RES, CHIP 100K (1608)
R744	1-216-833-91	s	RES, CHIP 10K (1608)
R745	1-216-829-91	s	RES, CHIP 4.7K (1608)
R746	1-216-833-91	s	RES, CHIP 10K (1608)
R747	1-216-833-91	s	RES, CHIP 10K (1608)
R748	1-216-833-91	s	RES, CHIP 10K (1608)
R749	1-216-829-91	s	RES, CHIP 4.7K (1608)
R750	1-218-871-91	s	RES, CHIP 10K (1608)
R751	1-218-879-91	s	RES, CHIP 22K (1608)
R752	1-218-883-91	s	RES, CHIP 33K (1608)
R753	1-218-878-91	s	RES, CHIP 20K (1608)
R754	1-216-833-91	s	RES, CHIP 10K (1608)
R755	1-216-809-91	s	RES, CHIP 100 (1608)
R756	1-216-809-91	s	RES, CHIP 100 (1608)
R757	1-216-809-91	s	RES, CHIP 100 (1608)
RB400	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)

(EA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
RB401	1-233-415-21	s	RES, CHIP NETWORK 10K (3216)
RB402	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB403	1-233-416-21	s	RES, CHIP NETWORK 22K (3216)
RB404	1-233-880-21	s	RES, NETWORK 68 (3216)
RB405	1-233-880-21	s	RES, NETWORK 68 (3216)
RB406	1-233-880-21	s	RES, NETWORK 68 (3216)
RB407	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB408	1-233-575-21	s	RES, CHIP NETWORK 22 (3216)
RB409	1-233-880-21	s	RES, NETWORK 68 (3216)
RB410	1-233-880-21	s	RES, NETWORK 68 (3216)
RB411	1-233-880-21	s	RES, NETWORK 68 (3216)
RB412	1-233-880-21	s	RES, NETWORK 68 (3216)
RB413	1-233-880-21	s	RES, NETWORK 68 (3216)
RB414	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB415	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
RB416	1-233-413-21	s	RES, CHIP NETWORK 2.2K (3216)
S300	1-771-709-21	s	SWITCH, SLIDE
TP200	1-535-877-22	s	CHIP, CHECKER
TP201	1-535-877-22	s	CHIP, CHECKER
TP202	1-535-877-22	s	CHIP, CHECKER
TP203	1-535-877-22	s	CHIP, CHECKER
TP204	1-535-877-22	s	CHIP, CHECKER
TP400	1-535-877-22	s	CHIP, CHECKER
TP401	1-535-877-22	s	CHIP, CHECKER
TP609	1-535-877-22	s	CHIP, CHECKER
TP610	1-535-877-22	s	CHIP, CHECKER
TP700	1-535-877-22	s	CHIP, CHECKER
TP701	1-535-877-22	s	CHIP, CHECKER
TP702	1-535-877-22	s	CHIP, CHECKER
TP703	1-535-877-22	s	CHIP, CHECKER
TP704	1-535-877-22	s	CHIP, CHECKER
TP705	1-535-877-22	s	CHIP, CHECKER
TP706	1-535-877-22	s	CHIP, CHECKER
TP707	1-535-877-22	s	CHIP, CHECKER
TP708	1-535-877-22	s	CHIP, CHECKER
X300	1-795-984-11	s	OSCILLATOR, CRYSTAL
X400	1-795-984-11	s	OSCILLATOR, CRYSTAL

E BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-305-A	s	MOUNTED CIRCUIT BOARD, E
1pc	4-030-359-01	o	HEAT SINK, H. PIN (A1)
1pc	4-042-408-02	o	PIN(45), WIRE (A5)
1pc	4-053-101-02	o	SPACER, DY CONNECTOR
1pc	4-381-907-01	s	INSULATOR (A) (IC802(1))
30pcs	4-382-854-01	s	SCREW(M3X8), P, SW (+) (Q8(1),11(1),13(1),14(1),18(1), 21(1),26(1),27(1),30(1),32(1), 36(1),38(1),40(1)IC500(1),100(1), 101(1),102(1),Q700(1),701(1), SPRING(3),HEATSINK(D)(3), BRACKETHEAT(2),R57(1),58(1),PIN(1))
1pc	4-662-796-01	o	CLIP, COACHING
C1	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C2	1-130-495-91	s	CAP, PE TEREPHTHALATE 0.1MF
C3	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C4	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C5	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C6	1-111-242-91	s	CAP, ELECT 22MF
C7	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C8	1-164-644-91	s	CAP, CERAMIC 330PF
C9	1-107-943-91	s	CAP, ELECT 10MF
C10	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C11	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C12	1-117-677-21	s	CAP, PP FILM (S) 3.3MF
C13	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C14	1-164-645-91	s	CAP, CERAMIC 1000PF
C15	1-164-645-91	s	CAP, CERAMIC 1000PF
C16	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C17	1-117-676-21	s	CAP, PP FILM (S) 2.7MF
C18	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C19	1-125-787-91	s	CAP, CERAMIC 680PF
C20	1-125-787-91	s	CAP, CERAMIC 680PF
C21	1-112-759-11	s	CAP, METALIZED PP FILM 2700PF
C22	1-112-761-11	s	CAP, METALIZED PP FILM 3900PF
C23	1-100-550-11	s	CAP, METALIZED PP FILM 3300PF
C24	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C25	1-117-407-11	s	CAP, ELECT 47MF
C26	1-117-672-21	s	CAP, PP FILM (S) 1.2MF
C27	1-125-787-91	s	CAP, CERAMIC 680PF
C28	1-125-787-91	s	CAP, CERAMIC 680PF
C29	1-137-350-51	s	CAP, PP FILM 0.015MF
C30	1-104-709-91	s	CAP, ELECT 4.7MF
C31	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C32	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C33	1-117-668-21	s	CAP, PP FILM (S) 0.56MF
C34	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C35	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C36	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C37	1-117-664-21	s	CAP, PP FILM (S) 0.27MF
C38	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C39	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C40	1-117-661-21	s	CAP, PP FILM (S) 0.15MF
C41	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C42	1-119-858-21	s	CAP, PP FILM (S) 0.068MF
C43	1-107-882-91	s	CAP, ELECT 100MF
C44	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C45	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C46	1-131-985-21	s	CAP, PP FILM (S) 0.033MF
C47	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
C48	1-117-664-11	s	CAP, PP FILM (S) 0.27MF
C49	1-117-661-11	s	CAP, PP FILM (S) 0.15MF
C50	1-117-661-11	s	CAP, PP FILM (S) 0.15MF
C51	1-108-421-91	s	CAP, PE TEREPHTHALATE 0.01MF
C52	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C53	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C100	1-107-492-91	s	CAP, ELECT 47MF
C101	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C102	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C103	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C105	1-104-652-91	s	CAP, ELECT 470MF
C106	1-104-652-91	s	CAP, ELECT 470MF
C107	1-128-528-91	s	CAP, ELECT 470MF
C108	1-128-528-91	s	CAP, ELECT 470MF
C109	1-104-652-91	s	CAP, ELECT 470MF
C110	1-104-652-91	s	CAP, ELECT 470MF
C111	1-128-525-91	s	CAP, ELECT 470MF
C112	1-128-525-91	s	CAP, ELECT 470MF
C113	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C114	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C115	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C116	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C117	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C118	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C119	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C120	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C200	1-107-823-91	s	CAP, CERAMIC 470000PF B (2012)
C201	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C300	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C301	1-137-370-91	s	CAP, PETP FILM 0.01MF
C302	1-107-882-91	s	CAP, ELECT 100MF
C303	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C304	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C305	1-137-370-91	s	CAP, PETP FILM 0.01MF
C306	1-165-176-91	s	CAP,CERAMIC 47000PF B 1608
C307	1-107-882-91	s	CAP, ELECT 100MF
C308	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C309	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C310	1-107-882-91	s	CAP, ELECT 100MF
C311	1-107-882-91	s	CAP, ELECT 100MF
C400	1-128-525-91	s	CAP, ELECT 470MF
C401	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C402	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-128-525-91	s	CAP, ELECT 470MF
C404	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C405	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C407	1-111-242-91	s	CAP, ELECT 22MF
C408	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C409	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C410	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C412	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C413	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C414	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C415	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C416	1-107-882-91	s	CAP, ELECT 100MF
C417	1-108-421-91	s	CAP, PE TEREPHTHALATE 0.01MF
C418	1-110-641-11	s	CAP, ELECT 33MF
C419	1-164-390-91	s	CAP, CERAMIC 330PF CH 1608
C421	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C422	1-162-915-91	s	CAP, CERAMIC 10PF CH 1608
C500	1-128-525-91	s	CAP, ELECT 470MF
C501	1-107-882-91	s	CAP, ELECT 100MF
C502	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C503	1-128-525-91	s	CAP, ELECT 470MF
C504	1-162-965-91	s	CAP, CERAMIC 1500PF B 1608
C505	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C506	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C507	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C508	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C509	1-107-888-91	s	CAP, ELECT 47MF
C600	1-131-608-91	s	CAP, CHIP CERAMIC 2.2MF B 3216
C601	1-107-906-91	s	CAP, ELECT 10MF
C602	1-107-906-91	s	CAP, ELECT 10MF
C603	1-107-906-91	s	CAP, ELECT 10MF
C604	1-111-245-91	s	CAP, ELECT 22MF
C605	1-111-242-91	s	CAP, ELECT 22MF
C606	1-111-244-91	s	CAP, ELECT 47MF
C607	1-107-906-91	s	CAP, ELECT 10MF
C608	1-111-242-91	s	CAP, ELECT 22MF
C609	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C610	1-107-906-91	s	CAP, ELECT 10MF
C611	1-107-888-91	s	CAP, ELECT 47MF
C612	1-111-239-91	s	CAP, ELECT 47MF
C613	1-107-906-91	s	CAP, ELECT 10MF
C614	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C615	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C616	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C617	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C618	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C619	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C620	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C621	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C622	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C700	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C701	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C702	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C703	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C704	1-137-370-91	s	CAP, PETP FILM 0.01MF
C800	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C804	1-107-491-91	s	CAP, ELECT 1000MF
C805	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C806	1-107-491-91	s	CAP, ELECT 1000MF
C807	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C809	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C810	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C811	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C812	1-137-401-51	s	CAP, PETP FILM 0.22MF
C813	1-107-911-91	s	CAP, ELECT 220MF
C814	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C815	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C816	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C817	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C818	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
CN1	1-580-798-11	o	CONNECTOR PIN (DY) 6P
CN100	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN101	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
D1	8-719-404-50	s	DIODE MA111-TX
D2	8-719-404-50	s	DIODE MA111-TX

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
D4	8-719-030-44	s	DIODE 1R5GU41-TPA2
D5	8-719-404-50	s	DIODE MA111-TX
D6	8-719-404-50	s	DIODE MA111-TX
D7	8-719-052-31	s	DIODE D1NL40-TR2
D8	8-719-052-31	s	DIODE D1NL40-TR2
D9	8-719-303-21	s	DIODE RH-1AV1
D10	8-719-404-50	s	DIODE MA111-TX
D11	8-719-053-57	s	DIODE 5VUZ52
D12	8-719-936-83	s	DIODE GP08D-5001E3/23
D16	8-719-404-50	s	DIODE MA111-TX
D18	8-719-404-50	s	DIODE MA111-TX
D19	8-719-989-09	s	DIODE 1SS83TA
D20	8-719-404-50	s	DIODE MA111-TX
D21	8-719-037-22	s	DIODE RD12SB-T1
D200	8-719-404-50	s	DIODE MA111-TX
D201	8-719-404-50	s	DIODE MA111-TX
D202	8-719-404-50	s	DIODE MA111-TX
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-404-50	s	DIODE MA111-TX
D205	8-719-404-50	s	DIODE MA111-TX
D206	8-719-404-50	s	DIODE MA111-T
D207	8-719-404-50	s	DIODE MA111-TX
D208	8-719-404-50	s	DIODE MA111-TX
D209	8-719-404-50	s	DIODE MA111-TX
D210	8-719-404-50	s	DIODE MA111-TX
D211	8-719-404-50	s	DIODE MA111-TX
D212	8-719-404-50	s	DIODE MA111-TX
D213	8-719-404-50	s	DIODE MA111-TX
D214	8-719-404-50	s	DIODE MA111-TX
D216	8-719-404-50	s	DIODE MA111-TX
D217	8-719-404-50	s	DIODE MA111-TX
D300	8-719-921-20	s	DIODE 1SS119-25TD
D301	8-719-921-20	s	DIODE 1SS119-25TD
D401	8-719-404-50	s	DIODE MA111-TX
D402	8-719-404-50	s	DIODE MA111-TX
D403	8-719-404-50	s	DIODE MA111-TX
D404	8-719-404-50	s	DIODE MA111-TX
D405	8-719-404-50	s	DIODE MA111-TX
D406	8-719-404-50	s	DIODE MA111-TX
D407	8-719-404-50	s	DIODE MA111-TX
D408	8-719-036-94	s	DIODE RD5.6SB-T1
D409	8-719-404-50	s	DIODE MA111-TX
D410	6-500-219-01	s	DIODE 1SS404(TPH3)
D411	8-719-404-50	s	DIODE MA111-TX
D412	8-719-404-50	s	DIODE MA111-TX
D413	8-719-161-04	s	DIODE RD9.1SB-T1
D414	6-500-746-01	s	DIODE D8LC20UR-7015
D500	6-501-429-01	s	DIODE SF10NC15M
D501	8-719-404-50	s	DIODE MA111-TX
D502	8-719-404-50	s	DIODE MA111-TX
D503	8-719-036-80	s	DIODE RD3.9SB-T1
D504	6-501-429-01	s	DIODE SF10NC15M
D505	8-719-036-67	s	DIODE RD2.4SB-T1
D506	8-719-404-50	s	DIODE MA111-TX
D507	8-719-404-50	s	DIODE MA111-TX
D509	8-719-404-50	s	DIODE MA111-TX
D510	8-719-404-50	s	DIODE MA111-TX
D600	8-719-404-50	s	DIODE MA111-TX
D601	8-719-404-50	s	DIODE MA111-TX
D602	8-719-404-50	s	DIODE MA111-TX

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
D603	8-719-404-50	s	DIODE MA111-TX
D604	8-719-404-50	s	DIODE MA111-TX
D605	8-719-404-50	s	DIODE MA111-TX
D606	8-719-404-50	s	DIODE MA111-TX
D607	8-719-404-50	s	DIODE MA111-TX
D608	8-719-404-50	s	DIODE MA111-TX
D609	8-719-404-50	s	DIODE MA111-TX
D610	8-719-404-50	s	DIODE MA111-TX
D611	8-719-404-50	s	DIODE MA111-TX
D612	8-719-404-50	s	DIODE MA111-TX
D613	8-719-404-50	s	DIODE MA111-TX
D614	8-719-404-50	s	DIODE MA111-TX
D615	8-719-404-50	s	DIODE MA111-TX
D700	8-719-974-84	s	DIODE ERA91-02TP1
D800	8-719-936-83	s	DIODE GP08D-5001E3/23
D801	8-719-036-91	s	DIODE RD5.1SB-T1
FB400	1-543-963-22	s	BEAD, FERRITE (CHIP) (2012)
FB401	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
FB402	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
FB700	1-412-911-21	s	INDUCTOR, FERRITE BEAD
FB701	1-412-911-21	s	INDUCTOR, FERRITE BEAD
FL100	1-236-164-41	s	ENCAPSULATED COMPONENT
FL101	1-236-164-41	s	ENCAPSULATED COMPONENT
IC1	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC2	8-759-276-28	s	IC LM393PS-E20
IC100	8-759-925-54	s	IC LM2940CT-5.0 NOPB
IC101	8-759-701-79	s	IC NJM7812FA
IC102	8-759-929-65	s	IC LM7912CT
IC103	8-759-539-89	s	IC LM2990SX-5.0
IC104	8-759-656-54	s	IC TC7WH14FK(TE85R)
IC105	8-752-072-94	s	IC CXA1875AM-T4
IC106	8-759-157-42	s	IC TL082CPS-E20
IC300	8-759-822-38	s	IC LA6510
IC301	8-759-803-42	s	IC LA6500-FA
IC400	8-759-585-82	s	IC BA9759F-E2
IC500	8-759-803-42	s	IC LA6500-FA
IC501	8-759-249-16	s	IC NJM4558M-TE2
IC502	8-759-276-28	s	IC LM393PS-E20
IC600	8-759-329-01	s	IC LM339NSR
IC601	8-759-329-01	s	IC LM339NSR
IC602	8-759-249-16	s	IC NJM4558M-TE2
IC700	8-759-157-42	s	IC TL082CPS-E20
IC800	8-759-157-42	s	IC TL082CPS-E20
IC801	8-759-157-42	s	IC TL082CPS-E20
IC802	8-759-696-71	s	IC STV9379A
L1	1-457-127-11	s	COIL, HORIZONTAL LINEARITY
L2	1-457-129-11	s	COIL, HORIZONTAL LINEARITY
L4	1-406-670-21	s	COIL, CHOKE 680UH
L5	1-406-989-21	s	COIL, CHOKE 10MMH
L6	1-406-673-21	s	COIL, CHOKE 2.2MMH
L7	1-406-673-21	s	COIL, CHOKE 2.2MMH
L400	1-406-661-21	s	COIL, CHOKE 22UH
L500	⚠ 1-406-892-11	s	COIL, CHOKE 4MMH
L700	1-419-884-11	s	COIL, HORIZONATAL LINEARITY
PS500	1-576-124-21	s	LINK, IC (1A/72V)
PS501	1-576-124-21	s	LINK, IC (1A/72V)
Q1	8-729-905-38	s	TRANSISTOR 2SC4081T106R

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
Q2	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q3	8-729-208-55	s	TRANSISTOR 2SC2878A-TPE2
Q4	8-729-208-55	s	TRANSISTOR 2SC2878A-TPE2
Q5	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q6	8-729-048-47	s	TRANSISTOR 2SC2688(5)-LK
Q7	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q8	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q9	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q10	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q11	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q12	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q13	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q14	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q15	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q16	6-550-880-01	s	TRANSISTOR 2SC5716(LBSONY.F)
Q17	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q18	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q19	8-729-140-10	s	TRANSISTOR 2SA1221-T-KLM
Q20	8-729-044-21	s	TRANSISTOR 2SK2655-01R-F165
Q21	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q22	8-729-034-60	s	TRANSISTOR 2SK2350
Q23	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q24	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q26	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q27	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q28	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q30	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q31	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q32	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q34	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q35	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q36	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q37	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q38	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q39	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q40	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q41	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q42	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q202	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q203	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q204	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q205	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q206	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q207	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q400	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q401	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q402	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q404	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q405	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q406	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q407	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q408	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q410	8-729-803-76	s	TRANSISTOR 2SA1371-E
Q411	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
Q412	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q413	8-729-050-13	s	TRANSISTOR 2SJ585LS-CC11
Q415	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q500	8-729-140-51	s	TRANSISTOR 2SC3209LK-TP
Q501	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q502	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q503	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q504	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q505	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q506	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q507	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q508	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q509	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q510	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q511	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q600	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q601	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q602	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q603	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q604	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q605	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q606	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q607	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q608	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q609	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q610	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q611	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q612	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q613	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q614	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q615	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q616	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q617	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q618	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q619	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q620	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q621	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q622	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q623	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q624	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q625	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q626	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q627	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q628	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q629	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q630	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q631	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q632	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q633	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q700	8-729-209-15	s	TRANSISTOR 2SD2012
Q701	8-729-209-60	s	TRANSISTOR 2SB1375
Q800	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q801	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q802	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q803	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q900	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1	1-216-809-91	s	RES, CHIP 100 (1608)
R2	1-216-809-91	s	RES, CHIP 100 (1608)
R3	1-216-822-91	s	RES, CHIP 1.2K (1608)

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R4	1-216-829-91	s	RES, CHIP 4.7K (1608)
R5	1-216-825-91	s	RES, CHIP 2.2K (1608)
R6	1-216-833-91	s	RES, CHIP 10K (1608)
R7	1-216-809-91	s	RES, CHIP 100 (1608)
R8	1-216-845-91	s	RES, CHIP 100K (1608)
R9	1-215-916-71	s	RES, METAL OXIDE FILM 680
R10	1-216-821-91	s	RES, CHIP 1.0K (1608)
R11	1-216-833-91	s	RES, CHIP 10K (1608)
R12	1-215-916-71	s	RES, METAL OXIDE FILM 680
R13	1-216-809-91	s	RES, CHIP 100 (1608)
R14	1-216-831-91	s	RES, CHIP 6.8K (1608)
R15	1-216-821-91	s	RES, CHIP 1.0K (1608)
R16	1-215-916-71	s	RES, METAL OXIDE FILM 680
R17	1-247-775-91	s	RES, CARBON (SMALL) 4.7
R18	1-216-829-91	s	RES, CHIP 4.7K (1608)
R19	1-216-845-91	s	RES, CHIP 100K (1608)
R20	1-216-833-91	s	RES, CHIP 10K (1608)
R21	1-216-833-91	s	RES, CHIP 10K (1608)
R22	1-216-845-91	s	RES, CHIP 100K (1608)
R23	1-216-462-71	s	RES, METAL OXIDE FILM 8.2K
R24	1-216-829-91	s	RES, CHIP 4.7K (1608)
R25	1-216-845-91	s	RES, CHIP 100K (1608)
R26	1-216-833-91	s	RES, CHIP 10K (1608)
R27	1-214-840-81	s	RES, METAL FILM 100
R28	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R29	1-216-821-91	s	RES, CHIP 1.0K (1608)
R30	1-211-824-71	s	RES, FUSE 220
R31	1-216-829-91	s	RES, CHIP 4.7K (1608)
R32	1-216-845-91	s	RES, CHIP 100K (1608)
R33	1-211-824-71	s	RES, FUSE 220
R34	1-216-381-71	s	RES, METAL OXIDE FILM 0.22
R35	1-216-381-71	s	RES, METAL OXIDE FILM 0.22
R36	1-216-829-91	s	RES, CHIP 4.7K (1608)
R37	1-216-845-91	s	RES, CHIP 100K (1608)
R38	1-216-380-71	s	RES, METAL OXIDE FILM 8.2
R39	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R40	1-216-821-91	s	RES, CHIP 1.0K (1608)
R41	1-216-829-91	s	RES, CHIP 4.7K (1608)
R42	1-216-833-91	s	RES, CHIP 10K (1608)
R43	1-216-845-91	s	RES, CHIP 100K (1608)
R44	1-216-833-91	s	RES, CHIP 10K (1608)
R45	1-216-829-91	s	RES, CHIP 4.7K (1608)
R46	1-216-845-91	s	RES, CHIP 100K (1608)
R47	1-216-833-91	s	RES, CHIP 10K (1608)
R48	1-216-833-91	s	RES, CHIP 10K (1608)
R49	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R50	1-216-821-91	s	RES, CHIP 1.0K (1608)
R51	1-216-825-91	s	RES, CHIP 2.2K (1608)
R52	1-216-841-91	s	RES, CHIP 47K (1608)
R53	1-216-841-91	s	RES, CHIP 47K (1608)
R54	1-216-845-91	s	RES, CHIP 100K (1608)
R57	1-245-949-11	s	RES, METAL FILM 22
R58	1-245-949-11	s	RES, METAL FILM 22
R60	1-215-912-71	s	RES, METAL OXIDE FILM 150
R61	1-215-912-71	s	RES, METAL OXIDE FILM 150
R62	1-215-912-71	s	RES, METAL OXIDE FILM 150
R63	1-216-825-91	s	RES, CHIP 2.2K (1608)
R64	1-216-845-91	s	RES, CHIP 100K (1608)
R65	1-216-833-91	s	RES, CHIP 10K (1608)
R67	1-215-879-51	s	RES, METAL OXIDE FILM 47K

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R68	1-216-821-91	s	RES, CHIP 1.0K (1608)
R69	1-216-821-91	s	RES, CHIP 1.0K (1608)
R70	1-216-833-91	s	RES, CHIP 10K (1608)
R71	1-216-845-91	s	RES, CHIP 100K (1608)
R72	1-260-130-81	s	RES, CARBON (SMALL TYPE) 390K
R75	1-216-821-91	s	RES, CHIP 1.0K (1608)
R76	1-216-845-91	s	RES, CHIP 100K (1608)
R77	1-218-873-91	s	RES, CHIP 12K (1608)
R78	1-216-833-91	s	RES, CHIP 10K (1608)
R79	1-218-883-91	s	RES, CHIP 33K (1608)
R80	1-218-875-91	s	RES, CHIP 15K (1608)
R81	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R82	1-216-829-91	s	RES, CHIP 4.7K (1608)
R83	1-216-809-91	s	RES, CHIP 100 (1608)
R84	1-218-879-91	s	RES, CHIP 22K (1608)
R85	1-216-845-91	s	RES, CHIP 100K (1608)
R86	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R87	1-216-829-91	s	RES, CHIP 4.7K (1608)
R88	1-216-809-91	s	RES, CHIP 100 (1608)
R89	1-216-845-91	s	RES, CHIP 100K (1608)
R90	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R91	1-216-829-91	s	RES, CHIP 4.7K (1608)
R92	1-216-809-91	s	RES, CHIP 100 (1608)
R93	1-216-857-91	s	RES, CHIP 1.0M (1608)
R94	1-216-845-91	s	RES, CHIP 100K (1608)
R95	1-216-838-91	s	RES, CHIP 27K (1608)
R96	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R97	1-214-913-81	s	RES, METAL FILM 100K
R98	1-218-870-91	s	RES, CHIP 9.1K (1608)
R99	1-218-863-91	s	RES, CHIP 4.7K (1608)
R100	1-216-809-91	s	RES, CHIP 100 (1608)
R101	1-216-805-91	s	RES, CHIP 47 (1608)
R102	1-216-833-91	s	RES, CHIP 10K (1608)
R103	1-216-833-91	s	RES, CHIP 10K (1608)
R104	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R105	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R106	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R107	1-216-833-91	s	RES, CHIP 10K (1608)
R108	1-216-833-91	s	RES, CHIP 10K (1608)
R109	1-216-813-91	s	RES, CHIP 220 (1608)
R110	1-216-813-91	s	RES, CHIP 220 (1608)
R111	1-216-809-91	s	RES, CHIP 100 (1608)
R112	1-218-871-91	s	RES, CHIP 10K (1608)
R113	1-218-902-91	s	RES, CHIP 200K (1608)
R114	1-216-809-91	s	RES, CHIP 100 (1608)
R115	1-216-809-91	s	RES, CHIP 100 (1608)
R116	1-216-809-91	s	RES, CHIP 100 (1608)
R117	1-216-809-91	s	RES, CHIP 100 (1608)
R118	1-216-809-91	s	RES, CHIP 100 (1608)
R120	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R121	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R123	1-216-809-91	s	RES, CHIP 100 (1608)
R124	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R125	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R126	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R127	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R200	1-216-821-91	s	RES, CHIP 1.0K (1608)
R201	1-216-857-91	s	RES, CHIP 1.0M (1608)
R202	1-216-821-91	s	RES, CHIP 1.0K (1608)
R203	1-216-821-91	s	RES, CHIP 1.0K (1608)

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R205	1-216-833-91	s	RES, CHIP 10K (1608)
R206	1-216-833-91	s	RES, CHIP 10K (1608)
R207	1-216-833-91	s	RES, CHIP 10K (1608)
R208	1-216-833-91	s	RES, CHIP 10K (1608)
R209	1-216-833-91	s	RES, CHIP 10K (1608)
R210	1-216-833-91	s	RES, CHIP 10K (1608)
R211	1-216-833-91	s	RES, CHIP 10K (1608)
R212	1-216-833-91	s	RES, CHIP 10K (1608)
R300	1-249-425-91	s	RES, CARBON (SMALL) 4.7K
R301	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R302	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R303	1-247-767-91	s	RES, CARBON (SMALL) 2.2
R304	1-247-783-91	s	RES, CARBON (SMALL) 10
R305	1-216-826-91	s	RES, CHIP 2.7K (1608)
R306	1-216-841-91	s	RES, CHIP 47K (1608)
R307	1-216-821-91	s	RES, CHIP 1.0K (1608)
R308	1-216-833-91	s	RES, CHIP 10K (1608)
R309	1-216-821-91	s	RES, CHIP 1.0K (1608)
R310	1-216-824-91	s	RES, CHIP 1.8K (1608)
R311	1-216-839-91	s	RES, CHIP 33K (1608)
R312	1-218-871-91	s	RES, CHIP 10K (1608)
R313	1-218-871-91	s	RES, CHIP 10K (1608)
R314	1-218-883-91	s	RES, CHIP 33K (1608)
R315	1-216-847-91	s	RES, CHIP 150K (1608)
R316	1-216-837-91	s	RES, CHIP 22K (1608)
R317	1-218-883-91	s	RES, CHIP 33K (1608)
R318	1-218-871-91	s	RES, CHIP 10K (1608)
R319	1-247-767-91	s	RES, CARBON (SMALL) 2.2
R320	1-247-783-91	s	RES, CARBON (SMALL) 10
R321	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R322	1-247-783-91	s	RES, CARBON (SMALL) 10
R323	1-249-433-91	s	RES, CARBON (SMALL) 22K
R324	1-249-401-91	s	RES, CARBON (SMALL) 47
R325	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R326	1-249-414-91	s	RES, CARBON (SMALL) 560
R327	1-249-393-91	s	RES, CARBON (SMALL) 10
R400	1-216-833-91	s	RES, CHIP 10K (1608)
R401	1-216-833-91	s	RES, CHIP 10K (1608)
R402	1-216-825-91	s	RES, CHIP 2.2K (1608)
R403	1-218-865-91	s	RES, CHIP 5.6K (1608)
R404	1-216-833-91	s	RES, CHIP 10K (1608)
R406	1-218-858-91	s	RES, CHIP 3.0K (1608)
R408	1-218-876-91	s	RES, CHIP 16K (1608)
R410	1-216-833-91	s	RES, CHIP 10K (1608)
R411	1-218-855-91	s	RES, CHIP 2.2K (1608)
R412	1-218-885-91	s	RES, CHIP 39K (1608)
R413	1-218-863-91	s	RES, CHIP 4.7K (1608)
R415	1-218-865-91	s	RES, CHIP 5.6K (1608)
R416	1-218-854-91	s	RES, CHIP 2.0K (1608)
R418	1-216-845-91	s	RES, CHIP 100K (1608)
R419	1-218-887-91	s	RES, CHIP 47K (1608)
R420	1-216-809-91	s	RES, CHIP 100 (1608)
R421	1-218-889-91	s	RES, CHIP 56K (1608)
R422	1-218-857-91	s	RES, CHIP 2.7K (1608)
R423	1-218-879-91	s	RES, CHIP 22K (1608)
R424	1-218-859-91	s	RES, CHIP 3.3K (1608)
R425	1-218-859-91	s	RES, CHIP 3.3K (1608)
R426	1-218-879-91	s	RES, CHIP 22K (1608)
R427	1-218-879-91	s	RES, CHIP 22K (1608)
R428	1-218-879-91	s	RES, CHIP 22K (1608)

(E BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R429	1-218-869-91	s	RES, CHIP 8.2K (1608)
R430	1-216-833-91	s	RES, CHIP 10K (1608)
R431	1-216-821-91	s	RES, CHIP 1.0K (1608)
R432	1-216-833-91	s	RES, CHIP 10K (1608)
R433	1-216-809-91	s	RES, CHIP 100 (1608)
R434	1-218-886-91	s	RES, CHIP 43K (1608)
R435	1-218-847-91	s	RES, CHIP 1.0K (1608)
R436	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R437	1-216-829-91	s	RES, CHIP 4.7K (1608)
R438	1-216-369-71	s	RES, METAL OXIDE FILM 1.0
R439	1-215-473-91	s	RES,METAL FILM(SMALL TYPE)150K
R440	1-216-833-91	s	RES, CHIP 10K (1608)
R441	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R442	1-216-837-91	s	RES, CHIP 22K (1608)
R443	1-249-397-91	s	RES, CARBON (SMALL) 22
R453	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R454	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R455	1-216-821-91	s	RES, CHIP 1.0K (1608)
R456	1-216-825-91	s	RES, CHIP 2.2K (1608)
R500	1-249-381-91	s	RES, CARBON (SMALL) 1
R501	1-216-809-91	s	RES, CHIP 100 (1608)
R502	1-216-809-91	s	RES, CHIP 100 (1608)
R503	1-218-891-91	s	RES, CHIP 68K (1608)
R504	1-249-381-91	s	RES, CARBON (SMALL) 1
R505	1-216-369-71	s	RES, METAL OXIDE FILM 1.0
R506	1-216-821-91	s	RES, CHIP 1.0K (1608)
R507	1-218-855-91	s	RES, CHIP 2.2K (1608)
R508	1-218-847-91	s	RES, CHIP 1.0K (1608)
R509	1-216-821-91	s	RES, CHIP 1.0K (1608)
R510	1-218-847-91	s	RES, CHIP 1.0K (1608)
R511	1-216-853-91	s	RES, CHIP 470K (1608)
R512	1-218-885-91	s	RES, CHIP 39K (1608)
R513	1-218-878-91	s	RES, CHIP 20K (1608)
R514	1-218-865-91	s	RES, CHIP 5.6K (1608)
R515	1-218-873-91	s	RES, CHIP 12K (1608)
R516	1-218-856-91	s	RES, CHIP 2.4K (1608)
R517	1-218-891-91	s	RES, CHIP 68K (1608)
R518	1-218-891-91	s	RES, CHIP 68K (1608)
R519	1-218-891-91	s	RES, CHIP 68K (1608)
R520	1-218-889-91	s	RES, CHIP 56K (1608)
R521	1-218-889-91	s	RES, CHIP 56K (1608)
R522	1-216-833-91	s	RES, CHIP 10K (1608)
R523	1-216-845-91	s	RES, CHIP 100K (1608)
R524	1-216-833-91	s	RES, CHIP 10K (1608)
R525	1-216-833-91	s	RES, CHIP 10K (1608)
R526	1-218-871-91	s	RES, CHIP 10K (1608)
R527	1-218-863-91	s	RES, CHIP 4.7K (1608)
R528	1-216-833-91	s	RES, CHIP 10K (1608)
R529	1-216-833-91	s	RES, CHIP 10K (1608)
R530	1-216-821-91	s	RES, CHIP 1.0K (1608)
R531	1-216-821-91	s	RES, CHIP 1.0K (1608)
R600	1-216-833-91	s	RES, CHIP 10K (1608)
R601	1-216-847-91	s	RES, CHIP 150K (1608)
R602	1-216-833-91	s	RES, CHIP 10K (1608)
R603	1-216-833-91	s	RES, CHIP 10K (1608)
R604	1-216-821-91	s	RES, CHIP 1.0K (1608)
R605	1-216-823-91	s	RES, CHIP 1.5K (1608)
R606	1-216-827-91	s	RES, CHIP 3.3K (1608)
R608	1-216-833-91	s	RES, CHIP 10K (1608)
R610	1-216-822-91	s	RES, CHIP 1.2K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R611	1-216-827-91	s	RES, CHIP 3.3K (1608)
R612	1-216-822-91	s	RES, CHIP 1.2K (1608)
R613	1-216-827-91	s	RES, CHIP 3.3K (1608)
R614	1-216-833-91	s	RES, CHIP 10K (1608)
R616	1-216-833-91	s	RES, CHIP 10K (1608)
R617	1-216-833-91	s	RES, CHIP 10K (1608)
R618	1-216-822-91	s	RES, CHIP 1.2K (1608)
R619	1-216-827-91	s	RES, CHIP 3.3K (1608)
R620	1-216-833-91	s	RES, CHIP 10K (1608)
R621	1-216-833-91	s	RES, CHIP 10K (1608)
R622	1-216-833-91	s	RES, CHIP 10K (1608)
R623	1-216-833-91	s	RES, CHIP 10K (1608)
R624	1-216-833-91	s	RES, CHIP 10K (1608)
R625	1-216-833-91	s	RES, CHIP 10K (1608)
R626	1-216-833-91	s	RES, CHIP 10K (1608)
R627	1-216-833-91	s	RES, CHIP 10K (1608)
R628	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R629	1-216-857-91	s	RES, CHIP 1.0M (1608)
R630	1-216-833-91	s	RES, CHIP 10K (1608)
R631	1-216-833-91	s	RES, CHIP 10K (1608)
R632	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R633	1-216-857-91	s	RES, CHIP 1.0M (1608)
R634	1-216-833-91	s	RES, CHIP 10K (1608)
R635	1-216-833-91	s	RES, CHIP 10K (1608)
R636	1-216-833-91	s	RES, CHIP 10K (1608)
R638	1-216-833-91	s	RES, CHIP 10K (1608)
R639	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R640	1-216-849-91	s	RES, CHIP 220K (1608)
R641	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R642	1-216-849-91	s	RES, CHIP 220K (1608)
R643	1-218-863-91	s	RES, CHIP 4.7K (1608)
R644	1-218-871-91	s	RES, CHIP 10K (1608)
R645	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R646	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R647	1-216-857-91	s	RES, CHIP 1.0M (1608)
R648	1-216-841-91	s	RES, CHIP 47K (1608)
R649	1-216-841-91	s	RES, CHIP 47K (1608)
R650	1-218-875-91	s	RES, CHIP 15K (1608)
R651	1-218-857-91	s	RES, CHIP 2.7K (1608)
R652	1-216-850-91	s	RES, CHIP 270K (1608)
R653	1-216-821-91	s	RES, CHIP 1.0K (1608)
R654	1-216-821-91	s	RES, CHIP 1.0K (1608)
R655	1-216-850-91	s	RES, CHIP 270K (1608)
R656	1-216-833-91	s	RES, CHIP 10K (1608)
R657	1-218-865-91	s	RES, CHIP 5.6K (1608)
R658	1-218-871-91	s	RES, CHIP 10K (1608)
R659	1-218-895-91	s	RES, CHIP 100K (1608)
R660	1-216-833-91	s	RES, CHIP 10K (1608)
R661	1-218-895-91	s	RES, CHIP 100K (1608)
R662	1-218-869-91	s	RES, CHIP 8.2K (1608)
R663	1-218-871-91	s	RES, CHIP 10K (1608)
R700	1-218-855-91	s	RES, CHIP 2.2K (1608)
R701	1-218-871-91	s	RES, CHIP 10K (1608)
R702	1-218-848-91	s	RES, CHIP 1.1K (1608)
R703	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R704	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R705	1-215-453-91	s	RES, METAL FILM(SMALL TYPE)22K
R706	1-216-821-91	s	RES, CHIP 1.0K (1608)
R707	1-215-884-71	s	RES, METAL OXIDE FILM 47
R708	1-215-913-71	s	RES, METAL OXIDE FILM 220

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Ref. No. or Q'ty	Part No.	SP	Description
R709	1-215-913-71	s	RES, METAL OXIDE FILM 220
R803	1-218-871-91	s	RES, CHIP 10K (1608)
R804	1-218-871-91	s	RES, CHIP 10K (1608)
R805	1-218-871-91	s	RES, CHIP 10K (1608)
R807	1-216-841-91	s	RES, CHIP 47K (1608)
R808	1-218-871-91	s	RES, CHIP 10K (1608)
R809	1-216-833-91	s	RES, CHIP 10K (1608)
R810	1-218-871-91	s	RES, CHIP 10K (1608)
R811	1-216-841-91	s	RES, CHIP 47K (1608)
R812	1-218-879-91	s	RES, CHIP 22K (1608)
R813	1-218-883-91	s	RES, CHIP 33K (1608)
R814	1-260-292-71	s	RES, CARBON 1.0
R815	1-218-871-91	s	RES, CHIP 10K (1608)
R816	1-218-855-91	s	RES, CHIP 2.2K (1608)
R817	1-260-292-71	s	RES, CARBON 1.0
R818	1-216-835-91	s	RES, CHIP 15K (1608)
R819	1-218-856-91	s	RES, CHIP 2.4K (1608)
R820	1-218-855-91	s	RES, CHIP 2.2K (1608)
R821	1-218-875-91	s	RES, CHIP 15K (1608)
R822	1-218-879-91	s	RES, CHIP 22K (1608)
R823	1-218-871-91	s	RES, CHIP 10K (1608)
R824	1-218-856-91	s	RES, CHIP 2.4K (1608)
R825	1-249-381-91	s	RES, CARBON (SMALL) 1
R826	1-216-833-91	s	RES, CHIP 10K (1608)
R827	1-216-833-91	s	RES, CHIP 10K (1608)
R828	1-214-798-81	s	RES, METAL FILM 1.8
R829	1-215-865-71	s	RES, METAL OXIDE FILM 220
R830	1-214-798-81	s	RES, METAL FILM 1.8
R831	1-216-829-91	s	RES, CHIP 4.7K (1608)
R832	1-216-809-91	s	RES, CHIP 100 (1608)
R833	1-216-829-91	s	RES, CHIP 4.7K (1608)
R900	1-216-805-91	s	RES, CHIP 47 (1608)
R901	1-216-821-91	s	RES, CHIP 1.0K (1608)
R902	1-216-827-91	s	RES, CHIP 3.3K (1608)
R903	1-216-827-91	s	RES, CHIP 3.3K (1608)
R904	1-216-827-91	s	RES, CHIP 3.3K (1608)
RY1	1-755-129-11	s	RELAY
T1	⚠ 1-431-443-11	s	TRANSFORMER, FERRITE (HST)
T2	⚠ 1-427-762-11	s	TRANSFORMER, FERRITE (HDT)
T3	1-435-183-11	s	TRANSFORMER, FERRITE (HOT)
TH801	1-807-925-21	s	THERMISTOR
TP1	1-535-877-22	s	CHIP, CHECKER
TP2	1-535-877-22	s	CHIP, CHECKER
TP3	1-508-784-14	o	PIN, CONNECTOR (5MM PITCH) 1P
TP101	1-535-877-22	s	CHIP, CHECKER
TP105	1-535-877-22	s	CHIP, CHECKER
TP106	1-535-877-22	s	CHIP, CHECKER
TP107	1-535-877-22	s	CHIP, CHECKER
TP108	1-535-877-22	s	CHIP, CHECKER
TP300	1-535-877-22	s	CHIP, CHECKER
TP700	1-535-877-22	s	CHIP, CHECKER
TP800	1-535-877-22	s	CHIP, CHECKER
TP801	1-535-877-22	s	CHIP, CHECKER

E BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-094-A	s	MOUNTED CIRCUIT BOARD, E
1pc	4-030-359-01	o	HEAT SINK, H. PIN (A1)
1pc	4-042-408-02	o	PIN(45), WIRE (A5)
1pc	4-053-101-02	o	SPACER, DY CONNECTOR
1pc	4-381-907-01	s	INSULATOR (A) (IC802(1))
30pcs	4-382-854-01	s	SCREW(M3X8), P, SW (+) (Q8(1),11(1),13(1),14(1),18(1), 21(1),26(1),27(1),30(1),32(1), 36(1),38(1),40(1)IC500(1),100(1), 101(1),102(1),Q700(1),701(1), SPRING(3),HEATSINK(D)(3), BRACKETHEAT(2),R57(1),58(1),PIN(1))
1pc	4-662-796-01	o	CLIP, COACHING
C1	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C2	1-130-495-91	s	CAP, PE TEREPHTHALATE 0.1MF
C3	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C4	1-164-230-91	s	CAP,CERAMIC 220PF CH 1608
C5	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C6	1-111-242-91	s	CAP, ELECT 22MF
C7	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C8	1-164-644-91	s	CAP, CERAMIC 330PF
C9	1-107-943-91	s	CAP, ELECT 10MF
C10	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C11	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C12	1-117-677-21	s	CAP, PP FILM (S) 3.3MF
C13	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C14	1-164-645-91	s	CAP, CERAMIC 1000PF
C15	1-164-645-91	s	CAP, CERAMIC 1000PF
C16	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C17	1-117-678-21	s	CAP, PP FILM (S) 3.0MF
C18	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C19	1-125-787-91	s	CAP, CERAMIC 680PF
C20	1-125-787-91	s	CAP, CERAMIC 680PF
C21	1-112-760-11	s	CAP, METALIZED PP FILM 2200PF
C22	1-112-761-11	s	CAP, METALIZED PP FILM 3900PF
C23	1-112-762-11	s	CAP, METALIZED PP FILM 1500PF
C24	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C25	1-117-407-11	s	CAP, ELECT 47MF
C26	1-117-672-21	s	CAP, PP FILM (S) 1.2MF
C27	1-125-787-91	s	CAP, CERAMIC 680PF
C28	1-125-787-91	s	CAP, CERAMIC 680PF
C29	1-137-350-51	s	CAP, PP FILM 0.015MF
C30	1-104-709-91	s	CAP, ELECT 4.7MF
C31	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C32	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C33	1-117-668-21	s	CAP, PP FILM (S) 0.56MF
C34	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C35	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C36	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C37	1-117-664-21	s	CAP, PP FILM (S) 0.27MF
C38	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C39	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C40	1-117-661-21	s	CAP, PP FILM (S) 0.15MF
C41	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C42	1-119-858-21	s	CAP, PP FILM (S) 0.068MF
C43	1-107-882-91	s	CAP, ELECT 100MF
C44	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C45	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C46	1-131-985-21	s	CAP, PP FILM (S) 0.033MF
C47	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B

(E BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
C48	1-119-858-11	s	CAP, PP FILM (S) 0.068MF
C49	1-117-661-11	s	CAP, PP FILM (S) 0.15MF
C50	1-117-661-11	s	CAP, PP FILM (S) 0.15MF
C51	1-108-421-91	s	CAP, PE TEREPHTHALATE 0.01MF
C52	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C53	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C100	1-107-492-91	s	CAP, ELECT 47MF
C101	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C102	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C103	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C104	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C105	1-104-652-91	s	CAP, ELECT 470MF
C106	1-104-652-91	s	CAP, ELECT 470MF
C107	1-128-528-91	s	CAP, ELECT 470MF
C108	1-128-528-91	s	CAP, ELECT 470MF
C109	1-104-652-91	s	CAP, ELECT 470MF
C110	1-104-652-91	s	CAP, ELECT 470MF
C111	1-128-525-91	s	CAP, ELECT 470MF
C112	1-128-525-91	s	CAP, ELECT 470MF
C113	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C114	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C115	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C116	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C117	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C118	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C119	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C120	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C200	1-107-823-91	s	CAP, CERAMIC 470000PF B (2012)
C201	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C300	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C301	1-137-370-91	s	CAP, PETP FILM 0.01MF
C302	1-107-882-91	s	CAP, ELECT 100MF
C303	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C304	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C305	1-137-370-91	s	CAP, PETP FILM 0.01MF
C307	1-107-882-91	s	CAP, ELECT 100MF
C308	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C309	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C310	1-107-882-91	s	CAP, ELECT 100MF
C311	1-107-882-91	s	CAP, ELECT 100MF
C400	1-128-525-91	s	CAP, ELECT 470MF
C401	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C402	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-128-525-91	s	CAP, ELECT 470MF
C404	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C405	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C407	1-111-242-91	s	CAP, ELECT 22MF
C408	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C409	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C410	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C412	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C413	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C414	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C415	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C416	1-107-882-91	s	CAP, ELECT 100MF
C417	1-108-421-91	s	CAP, PE TEREPHTHALATE 0.01MF
C418	1-110-641-11	s	CAP, ELECT 33MF
C419	1-164-390-91	s	CAP, CERAMIC 330PF CH 1608
C421	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C422	1-162-915-91	s	CAP, CERAMIC 10PF CH 1608

(E BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
C500	1-128-525-91	s	CAP, ELECT 470MF
C501	1-107-882-91	s	CAP, ELECT 100MF
C502	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C503	1-128-525-91	s	CAP, ELECT 470MF
C504	1-162-965-91	s	CAP, CERAMIC 1500PF B 1608
C505	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C506	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C507	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C508	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C509	1-107-888-91	s	CAP, ELECT 47MF
C600	1-131-608-91	s	CAP, CHIP CERAMIC 2.2MF B 3216
C601	1-107-906-91	s	CAP, ELECT 10MF
C602	1-107-906-91	s	CAP, ELECT 10MF
C603	1-107-906-91	s	CAP, ELECT 10MF
C604	1-111-245-91	s	CAP, ELECT 22MF
C605	1-111-242-91	s	CAP, ELECT 22MF
C606	1-111-244-91	s	CAP, ELECT 47MF
C607	1-107-906-91	s	CAP, ELECT 10MF
C608	1-111-242-91	s	CAP, ELECT 22MF
C609	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C610	1-107-906-91	s	CAP, ELECT 10MF
C611	1-107-888-91	s	CAP, ELECT 47MF
C612	1-111-239-91	s	CAP, ELECT 47MF
C613	1-107-906-91	s	CAP, ELECT 10MF
C614	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C615	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C616	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C617	1-125-827-91	s	CAP, CHIP CERAMIC 1MF B
C618	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C619	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C620	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C621	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C622	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C700	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C701	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C702	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C703	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C704	1-137-370-91	s	CAP, PETP FILM 0.01MF
C804	1-107-491-91	s	CAP, ELECT 1000MF
C806	1-107-491-91	s	CAP, ELECT 1000MF
C807	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C809	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C811	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C812	1-137-401-51	s	CAP, PETP FILM 0.22MF
C813	1-107-911-91	s	CAP, ELECT 220MF
C814	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C817	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C818	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
CN1	1-580-798-11	o	CONNECTOR PIN (DY) 6P
CN2	1-695-915-21	s	TAB (CONTACT)
CN100	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
CN101	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
D1	8-719-404-50	s	DIODE MA111-TX
D2	8-719-404-50	s	DIODE MA111-TX
D4	8-719-030-44	s	DIODE 1R5GU41-TPA2
D5	8-719-404-50	s	DIODE MA111-TX
D6	8-719-404-50	s	DIODE MA111-TX
D7	8-719-052-31	s	DIODE D1NL40-TR2
D8	8-719-052-31	s	DIODE D1NL40-TR2

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Ref. No. or Q'ty	Part No.	SP	Description
D9	8-719-303-21	s	DIODE RH-1AV1
D10	8-719-404-50	s	DIODE MA111-TX
D11	8-719-053-57	s	DIODE 5VUZ52
D12	8-719-936-83	s	DIODE GP08D-5001E3/23
D13	8-719-936-83	s	DIODE GP08D-5001E3/23
D14	8-719-404-50	s	DIODE MA111-TX
D15	8-719-404-50	s	DIODE MA111-TX
D16	8-719-404-50	s	DIODE MA111-TX
D17	8-719-404-50	s	DIODE MA111-TX
D18	8-719-404-50	s	DIODE MA111-TX
D19	8-719-989-09	s	DIODE 1SS83TA
D20	8-719-404-50	s	DIODE MA111-TX
D21	8-719-037-22	s	DIODE RD12SB-T1
D200	8-719-404-50	s	DIODE MA111-TX
D201	8-719-404-50	s	DIODE MA111-TX
D202	8-719-404-50	s	DIODE MA111-TX
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-404-50	s	DIODE MA111-TX
D205	8-719-404-50	s	DIODE MA111-TX
D206	8-719-404-50	s	DIODE MA111-TX
D207	8-719-404-50	s	DIODE MA111-TX
D208	8-719-404-50	s	DIODE MA111-TX
D209	8-719-404-50	s	DIODE MA111-TX
D210	8-719-404-50	s	DIODE MA111-TX
D211	8-719-404-50	s	DIODE MA111-TX
D212	8-719-404-50	s	DIODE MA111-TX
D213	8-719-404-50	s	DIODE MA111-TX
D214	8-719-404-50	s	DIODE MA111-TX
D216	8-719-404-50	s	DIODE MA111-TX
D217	8-719-404-50	s	DIODE MA111-TX
D300	8-719-921-20	s	DIODE 1SS119-25TD
D301	8-719-921-20	s	DIODE 1SS119-25TD
D401	8-719-404-50	s	DIODE MA111-TX
D402	8-719-404-50	s	DIODE MA111-TX
D403	8-719-404-50	s	DIODE MA111-TX
D404	8-719-404-50	s	DIODE MA111-TX
D405	8-719-404-50	s	DIODE MA111-TX
D406	8-719-404-50	s	DIODE MA111-TX
D407	8-719-404-50	s	DIODE MA111-TX
D408	8-719-036-94	s	DIODE RD5.6SB-T1
D409	8-719-404-50	s	DIODE MA111-TX
D410	6-500-219-01	s	DIODE 1SS404(TPH3)
D411	8-719-404-50	s	DIODE MA111-TX
D412	8-719-404-50	s	DIODE MA111-TX
D413	8-719-161-04	s	DIODE RD9.1SB-T1
D414	6-500-746-01	s	DIODE D8LC20UR-7015
D500	6-501-429-01	s	DIODE SF10NC15M
D501	8-719-404-50	s	DIODE MA111-TX
D502	8-719-404-50	s	DIODE MA111-TX
D503	8-719-036-80	s	DIODE RD3.9SB-T1
D504	6-501-429-01	s	DIODE SF10NC15M
D505	8-719-036-67	s	DIODE RD2.4SB-T1
D506	8-719-404-50	s	DIODE MA111-TX
D507	8-719-404-50	s	DIODE MA111-TX
D509	8-719-404-50	s	DIODE MA111-TX
D510	8-719-404-50	s	DIODE MA111-TX
D600	8-719-404-50	s	DIODE MA111-TX
D601	8-719-404-50	s	DIODE MA111-TX
D602	8-719-404-50	s	DIODE MA111-TX
D603	8-719-404-50	s	DIODE MA111-TX

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Ref. No. or Q'ty	Part No.	SP	Description
D604	8-719-404-50	s	DIODE MA111-TX
D605	8-719-404-50	s	DIODE MA111-TX
D606	8-719-404-50	s	DIODE MA111-TX
D607	8-719-404-50	s	DIODE MA111-TX
D608	8-719-404-50	s	DIODE MA111-TX
D609	8-719-404-50	s	DIODE MA111-TX
D610	8-719-404-50	s	DIODE MA111-TX
D611	8-719-404-50	s	DIODE MA111-TX
D612	8-719-404-50	s	DIODE MA111-TX
D613	8-719-404-50	s	DIODE MA111-TX
D614	8-719-404-50	s	DIODE MA111-TX
D615	8-719-404-50	s	DIODE MA111-TX
D700	8-719-974-84	s	DIODE ERA91-02TP1
D800	8-719-936-83	s	DIODE GP08D-5001E3/23
D801	8-719-036-91	s	DIODE RD5.1SB-T1
FB400	1-543-963-22	s	BEAD, FERRITE (CHIP) (2012)
FB401	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
FB402	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
FB700	1-412-911-21	s	INDUCTOR, FERRITE BEAD
FB701	1-412-911-21	s	INDUCTOR, FERRITE BEAD
FL100	1-236-164-41	s	ENCAPSULATED COMPONENT
FL101	1-236-164-41	s	ENCAPSULATED COMPONENT
IC1	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC2	8-759-276-28	s	IC LM393PS-E20
IC100	8-759-925-54	s	IC LM2940CT-5.0 NOPB
IC101	8-759-701-79	s	IC NJM7812FA
IC102	8-759-929-65	s	IC LM7912CT
IC103	8-759-539-89	s	IC LM2990SX-5.0
IC104	8-759-656-54	s	IC TC7WH14FK(TE85R)
IC105	8-752-072-94	s	IC CXA1875AM-T4
IC106	8-759-157-42	s	IC TL082CPS-E20
IC300	8-759-822-38	s	IC LA6510
IC301	8-759-803-42	s	IC LA6500-FA
IC400	8-759-585-82	s	IC BA9759F-E2
IC500	8-759-803-42	s	IC LA6500-FA
IC501	8-759-249-16	s	IC NJM4558M-TE2
IC502	8-759-276-28	s	IC LM393PS-E20
IC600	8-759-329-01	s	IC LM339NSR
IC601	8-759-329-01	s	IC LM339NSR
IC602	8-759-249-16	s	IC NJM4558M-TE2
IC700	8-759-157-42	s	IC TL082CPS-E20
IC801	8-759-157-42	s	IC TL082CPS-E20
IC802	8-759-696-71	s	IC STV9379A
L1	1-457-128-11	s	COIL, HORIZONTAL LINEARITY
L2	1-457-129-11	s	COIL, HORIZONTAL LINEARITY
L3	1-457-126-11	s	COIL, HORIZONTAL LINEARITY
L4	1-406-670-21	s	COIL, CHOKE 680UH
L5	1-406-989-21	s	COIL, CHOKE 10MMH
L6	1-406-673-21	s	COIL, CHOKE 2.2MMH
L7	1-406-673-21	s	COIL, CHOKE 2.2MMH
L400	1-406-661-21	s	COIL, CHOKE 22UH
L500	⚠ 1-406-892-11	s	COIL, CHOKE 4MMH
L700	1-419-884-11	s	COIL, HORIZONATAL LINEARITY
PS500	1-576-124-21	s	LINK, IC (1A/72V)
PS501	1-576-124-21	s	LINK, IC (1A/72V)
Q1	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q2	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q3	8-729-208-55	s	TRANSISTOR 2SC2878A-TPE2

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Ref. No. or Q'ty	Part No.	SP	Description
Q4	8-729-208-55	s	TRANSISTOR 2SC2878A-TPE2
Q5	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q6	8-729-048-47	s	TRANSISTOR 2SC2688(5)-LK
Q7	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q8	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q9	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q10	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q11	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q12	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q13	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q14	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q15	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q16	6-550-880-01	s	TRANSISTOR 2SC5716(LBSONY.F)
Q17	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q18	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q19	8-729-140-10	s	TRANSISTOR 2SA1221-T-KLM
Q20	8-729-044-21	s	TRANSISTOR 2SK2655-01R-F165
Q21	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q22	8-729-034-60	s	TRANSISTOR 2SK2350
Q23	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q24	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q25	8-729-140-10	s	TRANSISTOR 2SA1221-T-KLM
Q26	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q27	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q28	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q29	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q30	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q31	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q32	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q33	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q34	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q35	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q36	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q37	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q38	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q39	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q40	8-729-053-24	s	TRANSISTOR 2SK3262-01MR
Q41	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q42	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q202	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q203	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q204	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q205	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q206	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q207	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q400	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q401	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q402	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q404	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q405	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q406	8-729-231-96	s	TRANSISTOR 2SK880GR-TE85L
Q407	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q408	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q410	8-729-803-76	s	TRANSISTOR 2SA1371-E
Q411	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q412	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q413	8-729-050-13	s	TRANSISTOR 2SJ585LS-CC11

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Ref. No. or Q'ty	Part No.	SP	Description
Q415	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q500	8-729-140-51	s	TRANSISTOR 2SC3209LK-TP
Q501	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q502	8-729-112-85	s	TRANSISTOR 2SA1330-T106
Q503	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q504	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q505	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q506	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q507	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q508	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q509	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q510	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q511	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q600	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q601	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q602	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q603	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q604	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q605	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q606	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q607	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q608	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q609	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q610	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q611	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q612	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q613	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q614	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q615	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q616	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q617	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q618	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q619	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q620	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q621	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q622	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q623	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q624	8-729-029-04	s	TRANSISTOR DTC123JUA-T106
Q625	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q626	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q627	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q628	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q629	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q630	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q631	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q632	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q633	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q700	8-729-209-15	s	TRANSISTOR 2SD2012
Q701	8-729-209-60	s	TRANSISTOR 2SB1375
Q900	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1	1-216-809-91	s	RES, CHIP 100 (1608)
R2	1-216-809-91	s	RES, CHIP 100 (1608)
R3	1-216-822-91	s	RES, CHIP 1.2K (1608)
R4	1-216-829-91	s	RES, CHIP 4.7K (1608)
R5	1-216-825-91	s	RES, CHIP 2.2K (1608)
R6	1-216-833-91	s	RES, CHIP 10K (1608)
R7	1-216-809-91	s	RES, CHIP 100 (1608)
R8	1-216-845-91	s	RES, CHIP 100K (1608)
R9	1-215-916-71	s	RES, METAL OXIDE FILM 680
R10	1-216-821-91	s	RES, CHIP 1.0K (1608)

(E BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
R11	1-216-833-91	s	RES, CHIP 10K (1608)
R12	1-215-916-71	s	RES, METAL OXIDE FILM 680
R13	1-216-809-91	s	RES, CHIP 100 (1608)
R14	1-216-831-91	s	RES, CHIP 6.8K (1608)
R15	1-216-821-91	s	RES, CHIP 1.0K (1608)
R16	1-215-916-71	s	RES, METAL OXIDE FILM 680
R17	1-247-775-91	s	RES, CARBON (SMALL) 4.7
R18	1-216-829-91	s	RES, CHIP 4.7K (1608)
R19	1-216-845-91	s	RES, CHIP 100K (1608)
R20	1-216-833-91	s	RES, CHIP 10K (1608)
R21	1-216-833-91	s	RES, CHIP 10K (1608)
R22	1-216-845-91	s	RES, CHIP 100K (1608)
R23	1-216-462-71	s	RES, METAL OXIDE FILM 8.2K
R24	1-216-829-91	s	RES, CHIP 4.7K (1608)
R25	1-216-845-91	s	RES, CHIP 100K (1608)
R26	1-216-833-91	s	RES, CHIP 10K (1608)
R27	1-214-840-81	s	RES, METAL FILM 100
R28	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R29	1-216-821-91	s	RES, CHIP 1.0K (1608)
R30	1-211-824-71	s	RES, FUSE 220
R31	1-216-829-91	s	RES, CHIP 4.7K (1608)
R32	1-216-845-91	s	RES, CHIP 100K (1608)
R33	1-211-824-71	s	RES, FUSE 220
R34	1-216-383-71	s	RES, METAL OXIDE FILM 0.33
R35	1-216-383-71	s	RES, METAL OXIDE FILM 0.33
R36	1-216-829-91	s	RES, CHIP 4.7K (1608)
R37	1-216-845-91	s	RES, CHIP 100K (1608)
R38	1-216-380-71	s	RES, METAL OXIDE FILM 8.2
R39	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R40	1-216-821-91	s	RES, CHIP 1.0K (1608)
R41	1-216-829-91	s	RES, CHIP 4.7K (1608)
R42	1-216-833-91	s	RES, CHIP 10K (1608)
R43	1-216-845-91	s	RES, CHIP 100K (1608)
R44	1-216-833-91	s	RES, CHIP 10K (1608)
R45	1-216-829-91	s	RES, CHIP 4.7K (1608)
R46	1-216-845-91	s	RES, CHIP 100K (1608)
R47	1-216-833-91	s	RES, CHIP 10K (1608)
R48	1-216-833-91	s	RES, CHIP 10K (1608)
R49	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R50	1-216-821-91	s	RES, CHIP 1.0K (1608)
R51	1-216-825-91	s	RES, CHIP 2.2K (1608)
R52	1-216-841-91	s	RES, CHIP 47K (1608)
R53	1-216-841-91	s	RES, CHIP 47K (1608)
R54	1-216-845-91	s	RES, CHIP 100K (1608)
R55	1-216-833-91	s	RES, CHIP 10K (1608)
R56	1-216-833-91	s	RES, CHIP 10K (1608)
R57	1-245-949-11	s	RES, METAL FILM 22
R58	1-245-949-11	s	RES, METAL FILM 22
R60	1-215-912-71	s	RES, METAL OXIDE FILM 150
R61	1-215-912-71	s	RES, METAL OXIDE FILM 150
R62	1-215-912-71	s	RES, METAL OXIDE FILM 150
R63	1-216-825-91	s	RES, CHIP 2.2K (1608)
R64	1-216-845-91	s	RES, CHIP 100K (1608)
R65	1-216-833-91	s	RES, CHIP 10K (1608)
R66	1-216-833-91	s	RES, CHIP 10K (1608)
R67	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R68	1-216-821-91	s	RES, CHIP 1.0K (1608)
R69	1-216-821-91	s	RES, CHIP 1.0K (1608)
R70	1-216-833-91	s	RES, CHIP 10K (1608)
R71	1-216-845-91	s	RES, CHIP 100K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R72	1-260-130-81	s	RES, CARBON (SMALL TYPE) 390K
R73	1-216-833-91	s	RES, CHIP 10K (1608)
R74	1-216-833-91	s	RES, CHIP 10K (1608)
R75	1-216-821-91	s	RES, CHIP 1.0K (1608)
R76	1-216-845-91	s	RES, CHIP 100K (1608)
R77	1-218-873-91	s	RES, CHIP 12K (1608)
R78	1-216-833-91	s	RES, CHIP 10K (1608)
R79	1-218-883-91	s	RES, CHIP 33K (1608)
R80	1-218-873-91	s	RES, CHIP 12K (1608)
R81	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R82	1-216-829-91	s	RES, CHIP 4.7K (1608)
R83	1-216-809-91	s	RES, CHIP 100 (1608)
R84	1-218-879-91	s	RES, CHIP 22K (1608)
R85	1-216-845-91	s	RES, CHIP 100K (1608)
R86	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R87	1-216-829-91	s	RES, CHIP 4.7K (1608)
R88	1-216-809-91	s	RES, CHIP 100 (1608)
R89	1-216-845-91	s	RES, CHIP 100K (1608)
R90	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R91	1-216-829-91	s	RES, CHIP 4.7K (1608)
R92	1-216-809-91	s	RES, CHIP 100 (1608)
R93	1-216-857-91	s	RES, CHIP 1.0M (1608)
R94	1-216-845-91	s	RES, CHIP 100K (1608)
R95	1-216-838-91	s	RES, CHIP 27K (1608)
R96	1-215-879-51	s	RES, METAL OXIDE FILM 47K
R97	1-214-913-81	s	RES, METAL FILM 100K
R98	1-218-867-91	s	RES, CHIP 6.8K (1608)
R99	1-218-858-91	s	RES, CHIP 3.0K (1608)
R100	1-216-809-91	s	RES, CHIP 100 (1608)
R101	1-216-805-91	s	RES, CHIP 47 (1608)
R102	1-216-833-91	s	RES, CHIP 10K (1608)
R103	1-216-833-91	s	RES, CHIP 10K (1608)
R104	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R105	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R106	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R107	1-216-833-91	s	RES, CHIP 10K (1608)
R108	1-216-833-91	s	RES, CHIP 10K (1608)
R109	1-216-813-91	s	RES, CHIP 220 (1608)
R110	1-216-813-91	s	RES, CHIP 220 (1608)
R111	1-216-809-91	s	RES, CHIP 100 (1608)
R112	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R114	1-216-809-91	s	RES, CHIP 100 (1608)
R115	1-216-809-91	s	RES, CHIP 100 (1608)
R116	1-216-809-91	s	RES, CHIP 100 (1608)
R117	1-216-809-91	s	RES, CHIP 100 (1608)
R118	1-216-809-91	s	RES, CHIP 100 (1608)
R119	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R122	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R123	1-216-809-91	s	RES, CHIP 100 (1608)
R124	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R125	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R128	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R200	1-216-821-91	s	RES, CHIP 1.0K (1608)
R201	1-216-857-91	s	RES, CHIP 1.0M (1608)
R202	1-216-821-91	s	RES, CHIP 1.0K (1608)
R203	1-216-821-91	s	RES, CHIP 1.0K (1608)
R205	1-216-833-91	s	RES, CHIP 10K (1608)
R206	1-216-833-91	s	RES, CHIP 10K (1608)
R207	1-216-833-91	s	RES, CHIP 10K (1608)
R208	1-216-833-91	s	RES, CHIP 10K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R209	1-216-833-91	s	RES, CHIP 10K (1608)
R210	1-216-833-91	s	RES, CHIP 10K (1608)
R211	1-216-833-91	s	RES, CHIP 10K (1608)
R212	1-216-833-91	s	RES, CHIP 10K (1608)
R300	1-249-425-91	s	RES, CARBON (SMALL) 4.7K
R301	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R302	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R303	1-247-767-91	s	RES, CARBON (SMALL) 2.2
R304	1-247-783-91	s	RES, CARBON (SMALL) 10
R305	1-216-826-91	s	RES, CHIP 2.7K (1608)
R306	1-216-841-91	s	RES, CHIP 47K (1608)
R307	1-216-821-91	s	RES, CHIP 1.0K (1608)
R308	1-216-833-91	s	RES, CHIP 10K (1608)
R309	1-216-821-91	s	RES, CHIP 1.0K (1608)
R310	1-216-824-91	s	RES, CHIP 1.8K (1608)
R311	1-216-839-91	s	RES, CHIP 33K (1608)
R312	1-218-871-91	s	RES, CHIP 10K (1608)
R313	1-218-871-91	s	RES, CHIP 10K (1608)
R314	1-218-883-91	s	RES, CHIP 33K (1608)
R315	1-216-847-91	s	RES, CHIP 150K (1608)
R316	1-216-837-91	s	RES, CHIP 22K (1608)
R317	1-218-883-91	s	RES, CHIP 33K (1608)
R318	1-218-871-91	s	RES, CHIP 10K (1608)
R319	1-247-767-91	s	RES, CARBON (SMALL) 2.2
R320	1-247-783-91	s	RES, CARBON (SMALL) 10
R321	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R322	1-247-783-91	s	RES, CARBON (SMALL) 10
R323	1-249-433-91	s	RES, CARBON (SMALL) 22K
R324	1-249-397-91	s	RES, CARBON (SMALL) 22
R325	1-249-377-91	s	RES, CARBON (SMALL) 0.47
R326	1-249-414-91	s	RES, CARBON (SMALL) 560
R327	1-249-393-91	s	RES, CARBON (SMALL) 10
R400	1-216-833-91	s	RES, CHIP 10K (1608)
R401	1-216-833-91	s	RES, CHIP 10K (1608)
R402	1-216-825-91	s	RES, CHIP 2.2K (1608)
R403	1-218-868-91	s	RES, CHIP 7.5K (1608)
R404	1-216-833-91	s	RES, CHIP 10K (1608)
R406	1-218-866-91	s	RES, CHIP 6.2K (1608)
R408	1-218-879-91	s	RES, CHIP 22K (1608)
R410	1-216-833-91	s	RES, CHIP 10K (1608)
R411	1-218-855-91	s	RES, CHIP 2.2K (1608)
R412	1-218-881-91	s	RES, CHIP 27K (1608)
R413	1-218-863-91	s	RES, CHIP 4.7K (1608)
R415	1-218-865-91	s	RES, CHIP 5.6K (1608)
R416	1-218-858-91	s	RES, CHIP 3.0K (1608)
R417	1-218-895-91	s	RES, CHIP 100K (1608)
R418	1-216-845-91	s	RES, CHIP 100K (1608)
R419	1-218-886-91	s	RES, CHIP 43K (1608)
R420	1-216-809-91	s	RES, CHIP 100 (1608)
R421	1-218-889-91	s	RES, CHIP 56K (1608)
R422	1-218-857-91	s	RES, CHIP 2.7K (1608)
R423	1-218-879-91	s	RES, CHIP 22K (1608)
R424	1-218-859-91	s	RES, CHIP 3.3K (1608)
R425	1-218-859-91	s	RES, CHIP 3.3K (1608)
R426	1-218-879-91	s	RES, CHIP 22K (1608)
R427	1-218-879-91	s	RES, CHIP 22K (1608)
R428	1-218-878-91	s	RES, CHIP 20K (1608)
R429	1-218-875-91	s	RES, CHIP 15K (1608)
R430	1-216-833-91	s	RES, CHIP 10K (1608)
R431	1-216-821-91	s	RES, CHIP 1.0K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R432	1-216-833-91	s	RES, CHIP 10K (1608)
R433	1-216-809-91	s	RES, CHIP 100 (1608)
R434	1-218-886-91	s	RES, CHIP 43K (1608)
R435	1-218-847-91	s	RES, CHIP 1.0K (1608)
R436	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R437	1-216-829-91	s	RES, CHIP 4.7K (1608)
R438	1-216-369-71	s	RES, METAL OXIDE FILM 1.0
R439	1-215-473-91	s	RES,METAL FILM(SMALL TYPE)150K
R440	1-216-833-91	s	RES, CHIP 10K (1608)
R441	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R442	1-216-837-91	s	RES, CHIP 22K (1608)
R443	1-249-397-91	s	RES, CARBON (SMALL) 22
R453	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R454	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R455	1-216-821-91	s	RES, CHIP 1.0K (1608)
R456	1-216-825-91	s	RES, CHIP 2.2K (1608)
R500	1-249-381-91	s	RES, CARBON (SMALL) 1
R501	1-216-809-91	s	RES, CHIP 100 (1608)
R502	1-216-809-91	s	RES, CHIP 100 (1608)
R503	1-218-891-91	s	RES, CHIP 68K (1608)
R504	1-249-381-91	s	RES, CARBON (SMALL) 1
R505	1-216-369-71	s	RES, METAL OXIDE FILM 1.0
R506	1-216-821-91	s	RES, CHIP 1.0K (1608)
R507	1-218-855-91	s	RES, CHIP 2.2K (1608)
R508	1-218-847-91	s	RES, CHIP 1.0K (1608)
R509	1-216-821-91	s	RES, CHIP 1.0K (1608)
R510	1-218-847-91	s	RES, CHIP 1.0K (1608)
R511	1-216-853-91	s	RES, CHIP 470K (1608)
R512	1-218-885-91	s	RES, CHIP 39K (1608)
R513	1-218-878-91	s	RES, CHIP 20K (1608)
R514	1-218-865-91	s	RES, CHIP 5.6K (1608)
R515	1-218-873-91	s	RES, CHIP 12K (1608)
R516	1-218-856-91	s	RES, CHIP 2.4K (1608)
R517	1-218-891-91	s	RES, CHIP 68K (1608)
R518	1-218-891-91	s	RES, CHIP 68K (1608)
R519	1-218-891-91	s	RES, CHIP 68K (1608)
R520	1-218-889-91	s	RES, CHIP 56K (1608)
R521	1-218-889-91	s	RES, CHIP 56K (1608)
R522	1-216-833-91	s	RES, CHIP 10K (1608)
R523	1-216-845-91	s	RES, CHIP 100K (1608)
R524	1-216-833-91	s	RES, CHIP 10K (1608)
R525	1-216-833-91	s	RES, CHIP 10K (1608)
R526	1-218-871-91	s	RES, CHIP 10K (1608)
R527	1-218-863-91	s	RES, CHIP 4.7K (1608)
R528	1-216-833-91	s	RES, CHIP 10K (1608)
R529	1-216-833-91	s	RES, CHIP 10K (1608)
R530	1-216-821-91	s	RES, CHIP 1.0K (1608)
R531	1-216-821-91	s	RES, CHIP 1.0K (1608)
R600	1-216-833-91	s	RES, CHIP 10K (1608)
R601	1-216-847-91	s	RES, CHIP 150K (1608)
R602	1-216-833-91	s	RES, CHIP 10K (1608)
R603	1-216-833-91	s	RES, CHIP 10K (1608)
R604	1-216-821-91	s	RES, CHIP 1.0K (1608)
R605	1-216-823-91	s	RES, CHIP 1.5K (1608)
R606	1-216-827-91	s	RES, CHIP 3.3K (1608)
R608	1-216-833-91	s	RES, CHIP 10K (1608)
R610	1-216-822-91	s	RES, CHIP 1.2K (1608)
R611	1-216-827-91	s	RES, CHIP 3.3K (1608)
R612	1-216-822-91	s	RES, CHIP 1.2K (1608)
R613	1-216-827-91	s	RES, CHIP 3.3K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R614	1-216-833-91	s	RES, CHIP 10K (1608)
R616	1-216-833-91	s	RES, CHIP 10K (1608)
R617	1-216-833-91	s	RES, CHIP 10K (1608)
R618	1-216-822-91	s	RES, CHIP 1.2K (1608)
R619	1-216-827-91	s	RES, CHIP 3.3K (1608)
R620	1-216-833-91	s	RES, CHIP 10K (1608)
R621	1-216-833-91	s	RES, CHIP 10K (1608)
R622	1-216-833-91	s	RES, CHIP 10K (1608)
R623	1-216-833-91	s	RES, CHIP 10K (1608)
R624	1-216-833-91	s	RES, CHIP 10K (1608)
R625	1-216-833-91	s	RES, CHIP 10K (1608)
R626	1-216-833-91	s	RES, CHIP 10K (1608)
R627	1-216-833-91	s	RES, CHIP 10K (1608)
R628	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R629	1-216-857-91	s	RES, CHIP 1.0M (1608)
R630	1-216-833-91	s	RES, CHIP 10K (1608)
R631	1-216-833-91	s	RES, CHIP 10K (1608)
R632	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R633	1-216-857-91	s	RES, CHIP 1.0M (1608)
R634	1-216-833-91	s	RES, CHIP 10K (1608)
R635	1-216-833-91	s	RES, CHIP 10K (1608)
R636	1-216-833-91	s	RES, CHIP 10K (1608)
R638	1-216-833-91	s	RES, CHIP 10K (1608)
R639	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R640	1-216-849-91	s	RES, CHIP 220K (1608)
R641	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R642	1-216-849-91	s	RES, CHIP 220K (1608)
R643	1-218-863-91	s	RES, CHIP 4.7K (1608)
R644	1-218-871-91	s	RES, CHIP 10K (1608)
R645	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R646	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R647	1-216-857-91	s	RES, CHIP 1.0M (1608)
R648	1-216-841-91	s	RES, CHIP 47K (1608)
R649	1-216-841-91	s	RES, CHIP 47K (1608)
R650	1-218-875-91	s	RES, CHIP 15K (1608)
R651	1-218-857-91	s	RES, CHIP 2.7K (1608)
R652	1-216-850-91	s	RES, CHIP 270K (1608)
R653	1-216-821-91	s	RES, CHIP 1.0K (1608)
R654	1-216-821-91	s	RES, CHIP 1.0K (1608)
R655	1-216-850-91	s	RES, CHIP 270K (1608)
R656	1-216-833-91	s	RES, CHIP 10K (1608)
R657	1-218-865-91	s	RES, CHIP 5.6K (1608)
R658	1-218-871-91	s	RES, CHIP 10K (1608)
R659	1-218-895-91	s	RES, CHIP 100K (1608)
R660	1-216-833-91	s	RES, CHIP 10K (1608)
R661	1-218-895-91	s	RES, CHIP 100K (1608)
R662	1-218-869-91	s	RES, CHIP 8.2K (1608)
R663	1-218-871-91	s	RES, CHIP 10K (1608)
R700	1-218-855-91	s	RES, CHIP 2.2K (1608)
R701	1-218-871-91	s	RES, CHIP 10K (1608)
R702	1-218-848-91	s	RES, CHIP 1.1K (1608)
R703	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R704	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R705	1-215-453-91	s	RES, METAL FILM(SMALL TYPE)22K
R706	1-216-821-91	s	RES, CHIP 1.0K (1608)
R707	1-215-884-71	s	RES, METAL OXIDE FILM 47
R708	1-215-913-71	s	RES, METAL OXIDE FILM 220
R709	1-215-913-71	s	RES, METAL OXIDE FILM 220
R803	1-218-871-91	s	RES, CHIP 10K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R808	1-218-871-91	s	RES, CHIP 10K (1608)
R810	1-218-871-91	s	RES, CHIP 10K (1608)
R814	1-260-292-71	s	RES, CARBON 1.0
R815	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R816	1-218-855-91	s	RES, CHIP 2.2K (1608)
R817	1-260-292-71	s	RES, CARBON 1.0
R818	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R819	1-218-856-91	s	RES, CHIP 2.4K (1608)
R820	1-218-855-91	s	RES, CHIP 2.2K (1608)
R823	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R824	1-218-856-91	s	RES, CHIP 2.4K (1608)
R825	1-249-381-91	s	RES, CARBON (SMALL) 1
R826	1-216-833-91	s	RES, CHIP 10K (1608)
R827	1-216-833-91	s	RES, CHIP 10K (1608)
R828	1-214-798-81	s	RES, METAL FILM 1.8
R829	1-215-865-71	s	RES, METAL OXIDE FILM 220
R830	1-214-798-81	s	RES, METAL FILM 1.8
R900	1-216-805-91	s	RES, CHIP 47 (1608)
R901	1-216-821-91	s	RES, CHIP 1.0K (1608)
R902	1-216-827-91	s	RES, CHIP 3.3K (1608)
R903	1-216-827-91	s	RES, CHIP 3.3K (1608)
R904	1-216-827-91	s	RES, CHIP 3.3K (1608)
RY1	1-755-129-11	s	RELAY
RY2	1-755-129-11	s	RELAY
T1	⚠ 1-431-443-11	s	TRANSFORMER, FERRITE (HST)
T2	⚠ 1-427-762-11	s	TRANSFORMER, FERRITE (HDT)
T3	1-435-183-11	s	TRANSFORMER, FERRITE (HOT)
TH801	1-807-925-21	s	THERMISTOR
TP1	1-535-877-22	s	CHIP, CHECKER
TP2	1-535-877-22	s	CHIP, CHECKER
TP3	1-508-784-14	o	PIN, CONNECTOR (5MM PITCH) 1P
TP101	1-535-877-22	s	CHIP, CHECKER
TP105	1-535-877-22	s	CHIP, CHECKER
TP106	1-535-877-22	s	CHIP, CHECKER
TP107	1-535-877-22	s	CHIP, CHECKER
TP108	1-535-877-22	s	CHIP, CHECKER
TP300	1-535-877-22	s	CHIP, CHECKER
TP700	1-535-877-22	s	CHIP, CHECKER
TP800	1-535-877-22	s	CHIP, CHECKER
TP801	1-535-877-22	s	CHIP, CHECKER

G BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-093-A	s	MOUNTED CIRCUIT BOARD, G
3pcs	4-382-854-51	s	SCREW(M3X6), P, SW (+)
1pc	4-030-359-01	o	HEAT SINK, H. PIN (A001)
11pcs	4-382-854-01	s	SCREW(M3X8), P, SW (+) (IC2(1),Q601(1),D601(1),Q603(1), Q604(1),Q602(1),IC102(1), D204(1),D206(1),FLOATING(2))
3pcs	4-382-854-11	s	SCREW(M3X10), P, SW (+) (D106(1),D1(1),D205(1))
1pc	7-322-065-48	o	RUBBER, SILICONE RTV (KE-3490) (R624(1))
C1	⚠ 1-165-540-11	s	CAP, FILM 0.47MF
C2	⚠ 1-113-907-51	s	CAP, CERAMIC 2200PF E
C3	⚠ 1-113-907-51	s	CAP, CERAMIC 2200PF E
C4	⚠ 1-165-540-11	s	CAP, FILM 0.47MF
C5	1-113-924-91	s	CAP, CERAMIC 4700PF E
C6	1-113-924-91	s	CAP, CERAMIC 4700PF E
C7	1-117-228-11	s	CAP, METALIZED PE FILM 2.2MF
C8	1-107-910-91	s	CAP, ELECT 100MF
C9	1-111-240-91	s	CAP, ELECT 100MF
C10	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C11	1-107-906-91	s	CAP, ELECT 10MF
C12	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C13	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C14	1-107-909-91	s	CAP, ELECT 47MF
C15	1-107-909-91	s	CAP, ELECT 47MF
C18	1-107-909-91	s	CAP, ELECT 47MF
C104	1-104-653-91	s	CAP, ELECT 220MF
C105	1-115-785-91	s	CAP, ELECT 470MF
C106	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C107	1-107-909-91	s	CAP, ELECT 47MF
C108	1-115-741-91	s	CAP, ELECT 2200MF
C109	1-115-741-91	s	CAP, ELECT 2200MF
C110	1-115-741-91	s	CAP, ELECT 2200MF
C111	1-115-785-91	s	CAP, ELECT 470MF
C112	1-107-909-91	s	CAP, ELECT 47MF
C115	1-115-340-91	s	CAP, CERAMIC 0.22MF B (2012)
C117	1-107-877-91	s	CAP, ELECT 1000MF
C212	1-107-909-91	s	CAP, ELECT 47MF
C213	1-115-789-91	s	CAP, ELECT 1000MF
C214	1-115-789-91	s	CAP, ELECT 1000MF
C215	1-115-789-91	s	CAP, ELECT 1000MF
C216	1-115-789-91	s	CAP, ELECT 1000MF
C217	1-115-741-91	s	CAP, ELECT 2200MF
C218	1-115-741-91	s	CAP, ELECT 2200MF
C219	1-115-741-91	s	CAP, ELECT 2200MF
C220	1-115-741-91	s	CAP, ELECT 2200MF
C221	1-110-641-51	s	CAP, ELECT 33MF
C222	1-110-641-51	s	CAP, ELECT 33MF
C223	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C224	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C225	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C226	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C227	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C228	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C229	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C230	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C231	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C232	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C233	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C234	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C235	1-128-528-91	s	CAP, ELECT 470MF
C236	1-128-528-91	s	CAP, ELECT 470MF
C237	1-107-877-91	s	CAP, ELECT 1000MF
C238	1-107-877-91	s	CAP, ELECT 1000MF
C239	1-107-952-91	s	CAP, ELECT 22MF
C601	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C602	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C603	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C604	1-115-467-91	s	CAP, CHIP CERAMIC0.22MF B 1608
C605	1-162-968-91	s	CAP,CHIP CERAMIC 4700PF B 1608
C606	1-162-962-91	s	CAP, CERAMIC 470PF B 1608
C607	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C608	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C609	1-107-903-91	s	CAP, ELECT 2.2MF
C610	1-107-911-91	s	CAP, ELECT 220MF
C611	1-130-018-41	s	CAP, PP FILM 1000PF
C612	1-136-497-81	s	CAP, METALIZED FILM 0.1MF
C613	1-107-905-91	s	CAP, ELECT 4.7MF
C614	1-107-903-91	s	CAP, ELECT 2.2MF
C615	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C617	1-104-341-21	s	CAP, FILM 0.1MF
C618	1-107-906-91	s	CAP, ELECT 10MF
C619	1-107-792-81	s	CAP, CERAMIC 100PF SL
C620	1-137-756-22	s	CAP, METALIZED PP FILM 22000PF
C621	1-107-792-81	s	CAP, CERAMIC 100PF SL
C623	1-136-205-61	s	CAP, METALIZED FILM 0.022MF
C626	1-115-416-91	s	CAP,CHIP CERAMIC1000PF CH 1608
C627	⚠ 1-117-600-11	s	CAP, ALUMINIUM ELECT 330MF
C651	1-137-370-91	s	CAP, PETP FILM 0.01MF
C801	1-115-438-91	s	CAP, ELECT 100MF
C802	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C803	1-107-696-91	s	CAP, ELECT 47MF
C804	1-107-882-91	s	CAP, ELECT 100MF
C805	1-107-882-91	s	CAP, ELECT 100MF
C806	1-107-882-91	s	CAP, ELECT 100MF
C807	1-107-882-91	s	CAP, ELECT 100MF
C808	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C809	1-107-909-91	s	CAP, ELECT 47MF
C810	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C901	⚠ 1-113-907-51	s	CAP, CERAMIC 2200PF E
C902	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN1	⚠ 1-691-961-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN2	⚠ 1-695-561-11	o	PIN, CONNECTOR (PC BOARD) 7P
CN003	1-817-753-11	o	CONNECTOR, BOARD TO BOARD 100P
D1	⚠ 8-719-022-99	s	DIODE D6SB60L
D2	8-719-037-54	s	DIODE RD30SB-T1
D3	8-719-404-50	s	DIODE MA111-TX
D4	8-719-979-23	s	DIODE RGP02-17PKG23
D6	8-719-037-53	s	DIODE RD27SB-T1
D8	8-719-404-50	s	DIODE MA111-TX
D9	8-719-404-50	s	DIODE MA111-TX
D10	8-719-404-50	s	DIODE MA111-TX
D12	8-719-404-50	s	DIODE MA111-TX
D16	8-719-404-50	s	DIODE MA111-TX
D105	8-719-027-43	s	DIODE S2L20UF
D106	8-719-510-41	s	DIODE D10SC9M
D107	8-719-063-74	s	DIODE D1NL20U-TR2
D108	8-719-060-27	s	DIODE SLR-325MCT31
D204	8-719-060-88	s	DIODE D4SBS6
D205	8-719-052-28	s	DIODE D10SBS4
D206	8-719-050-18	s	DIODE D4SBL20U
D601	6-500-407-01	s	DIODE SF20L60U-4015
D602	8-719-081-08	s	DIODE EP05Q04-TE8L3
D603	8-719-113-69	s	DIODE RD27ES-T1B
D604	8-719-063-73	s	DIODE D1NL20U-TR
D605	8-719-063-73	s	DIODE D1NL20U-TR
D606	8-719-069-63	s	DIODE ERB38-06V1
D608	8-719-921-20	s	DIODE 1SS119-25TD
D609	8-719-073-01	s	DIODE MA111-(K8).S0
D611	8-719-069-63	s	DIODE ERB38-06V1
D612	8-719-083-83	s	DIODE UDZS-TE17-15B
D613	8-719-082-03	s	DIODE MM3Z15VT1
D614	8-719-083-83	s	DIODE UDZS-TE17-15B
D615	8-719-082-03	s	DIODE MM3Z15VT1
D616	8-719-404-50	s	DIODE MA111-TX
D617	8-719-404-50	s	DIODE MA111-TX
D621	8-719-083-67	s	DIODE UDZSTE-1720B
D622	8-719-081-08	s	DIODE EP05Q04-TE8L3
D623	8-719-083-67	s	DIODE UDZSTE-1720B
D624	8-719-083-67	s	DIODE UDZSTE-1720B
D625	8-719-083-67	s	DIODE UDZSTE-1720B
D801	8-719-404-50	s	DIODE MA111-TX
D802	8-719-404-50	s	DIODE MA111-TX
D803	8-719-404-50	s	DIODE MA111-TX
D804	8-719-404-50	s	DIODE MA111-TX
D805	8-719-404-50	s	DIODE MA111-TX
D806	8-719-404-50	s	DIODE MA111-TX
D807	8-719-404-50	s	DIODE MA111-TX
D808	8-719-036-75	s	DIODE RD3.3SB1-T1
D901	8-719-404-50	s	DIODE MA111-TX
F1	⚠ 1-576-231-51	s	FUSE (H.B.C)(4A/250V)
FB101	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB201	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB202	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB203	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB204	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB205	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FB206	1-410-396-51	s	FERRITE BEAD INDUCTOR 0.45UH
FH1	⚠ 1-533-701-11	o	HOLDER, FUSE
IC2	8-759-929-63	s	IC LM7815CT
IC102	8-749-011-42	s	IC SI-3050F
IC103	8-759-077-78	s	IC NJM79L05A-T3
IC104	8-759-189-04	s	IC UPC1093J-T
IC203	8-759-329-01	s	IC LM339NSR
IC601	6-704-815-01	s	IC FA5501N-TE1
IC602	8-759-535-32	s	IC FA13842P
IC603	6-705-810-01	s	IC MCZ3001DB
IC604	8-759-586-17	s	IC TL1431CZ-AP
IC801	8-759-189-04	s	IC UPC1093J-T
IC802	8-759-329-01	s	IC LM339NSR
L1	1-419-726-11	s	COIL, CHOKE 100UH
L002	⚠ 1-457-061-11	s	CHOKE COIL 430UH
L101	1-406-971-21	s	COIL, CHOKE 10UH
L201	1-406-659-21	s	COIL, CHOKE 10UH
L202	1-406-659-21	s	COIL, CHOKE 10UH

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L203	1-406-971-21	s	COIL, CHOKE 10UH
L204	1-406-971-21	s	COIL, CHOKE 10UH
L205	1-406-659-21	s	COIL, CHOKE 10UH
PH101	⚠ 6-600-187-01	s	PHOTO COUPLER PC123Y22J00F
PH103	6-600-187-01	s	PHOTO COUPLER PC123Y22J00F
PH201	⚠ 6-600-187-01	s	PHOTO COUPLER PC123Y22J00F
PH801	⚠ 6-600-187-01	s	PHOTO COUPLER PC123Y22J00F
PH901	⚠ 6-600-187-01	s	PHOTO COUPLER PC123Y22J00F
Q1	8-729-423-33	s	TRANSISTOR 2SC3311A-QRSTA
Q2	8-729-033-26	s	TRANSISTOR DTA114GKAT146
Q3	8-729-423-33	s	TRANSISTOR 2SC3311A-QRSTA
Q4	8-729-028-99	s	TRANSISTOR DTC114YUA-T106
Q5	8-729-029-47	s	TRANSISTOR DTA143ESA-TP
Q6	8-729-029-47	s	TRANSISTOR DTA143ESA-TP
Q7	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q8	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q9	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q10	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q101	8-729-033-24	s	TRANSISTOR DTC114GKAT146
Q102	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q103	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q601	6-550-372-01	s	TRANSISTOR SPA20N60C3E8152
Q602	8-729-045-03	s	TRANSISTOR 2SK2647-01MR-F91
Q603	6-550-372-01	s	TRANSISTOR SPA20N60C3E8152
Q604	6-550-372-01	s	TRANSISTOR SPA20N60C3E8152
Q605	8-729-820-92	s	TRANSISTOR 2SD1621ST-TD-E
Q606	8-729-805-35	s	TRANSISTOR 2SB1121-S-TD
Q607	8-729-031-03	s	TRANSISTOR 2PB709AR-115
Q608	8-729-031-03	s	TRANSISTOR 2PB709AR-115
Q609	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q801	8-729-028-76	s	TRANSISTOR DTA114YUA-T106
Q802	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q803	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q804	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q805	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q806	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q807	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q808	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q809	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q810	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q811	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q812	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q813	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q814	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q815	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q901	8-729-028-99	s	TRANSISTOR DTC114YUA-T106
Q902	8-729-028-99	s	TRANSISTOR DTC114YUA-T106
Q903	8-729-028-99	s	TRANSISTOR DTC114YUA-T106
Q904	8-729-033-24	s	TRANSISTOR DTC114GKAT146
Q905	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R1	⚠ 1-220-825-91	s	RES, (SURGE RESISTANT) 330K
R2	⚠ 1-240-251-11	s	RES, CEMENT-COA 6.8
R3	1-216-841-91	s	RES, CHIP 47K (1608)
R4	1-216-837-91	s	RES, CHIP 22K (1608)
R5	1-216-821-91	s	RES, CHIP 1.0K (1608)
R6	1-216-834-91	s	RES, CHIP 12K (1608)
R7	1-260-085-81	s	RES, CARBON (SMALL TYPE) 68
R8	1-216-833-91	s	RES, CHIP 10K (1608)
R9	1-216-833-91	s	RES, CHIP 10K (1608)
R10	1-216-837-91	s	RES, CHIP 22K (1608)

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R011	1-215-861-71	s	RES, METAL OXIDE FILM 47
R15	1-249-405-91	s	RES, CARBON (SMALL) 100
R16	1-215-861-71	s	RES, METAL OXIDE FILM 47
R17	1-208-838-91	s	RES, CHIP 220K (2012)
R18	1-208-838-91	s	RES, CHIP 220K (2012)
R19	1-208-838-91	s	RES, CHIP 220K (2012)
R20	1-208-838-91	s	RES, CHIP 220K (2012)
R21	1-208-838-91	s	RES, CHIP 220K (2012)
R22	1-208-840-91	s	RES, CHIP 270K (2012)
R23	1-218-891-91	s	RES, CHIP 68K (1608)
R101	1-211-769-71	s	RES, FUSE 3.3
R105	1-216-835-91	s	RES, CHIP 15K (1608)
R107	1-215-892-71	s	RES, METAL OXIDE FILM 1K
R108	1-216-821-91	s	RES, CHIP 1.0K (1608)
R109	1-216-821-91	s	RES, CHIP 1.0K (1608)
R110	1-216-821-91	s	RES, CHIP 1.0K (1608)
R111	1-218-831-91	s	RES, CHIP 220 (1608)
R112	1-215-886-71	s	RES, METAL OXIDE FILM 100
R113	1-216-825-91	s	RES, CHIP 2.2K (1608)
R114	1-216-813-91	s	RES, CHIP 220 (1608)
R116	1-218-857-91	s	RES, CHIP 2.7K (1608)
R117	1-218-857-91	s	RES, CHIP 2.7K (1608)
R118	1-219-718-11	s	RES, CEMENT 0.1
R119	1-219-718-11	s	RES, CEMENT 0.1
R120	1-219-718-11	s	RES, CEMENT 0.1
R121	1-219-718-11	s	RES, CEMENT 0.1
R122	1-216-797-91	s	RES, CHIP 10 (1608)
R123	1-216-801-91	s	RES, CHIP 22 (1608)
R124	1-216-825-91	s	RES, CHIP 2.2K (1608)
R217	1-218-855-91	s	RES, CHIP 2.2K (1608)
R218	1-218-873-91	s	RES, CHIP 12K (1608)
R219	1-219-718-11	s	RES, CEMENT 0.1
R220	1-218-855-91	s	RES, CHIP 2.2K (1608)
R221	1-218-873-91	s	RES, CHIP 12K (1608)
R223	1-218-861-91	s	RES, CHIP 3.9K (1608)
R224	1-218-855-91	s	RES, CHIP 2.2K (1608)
R225	1-219-718-11	s	RES, CEMENT 0.1
R226	1-219-718-11	s	RES, CEMENT 0.1
R227	1-218-855-91	s	RES, CHIP 2.2K (1608)
R228	1-218-893-91	s	RES, CHIP 82K (1608)
R229	1-218-861-91	s	RES, CHIP 3.9K (1608)
R230	1-218-855-91	s	RES, CHIP 2.2K (1608)
R231	1-218-861-91	s	RES, CHIP 3.9K (1608)
R232	1-219-718-11	s	RES, CEMENT 0.1
R233	1-219-718-11	s	RES, CEMENT 0.1
R234	1-218-855-91	s	RES, CHIP 2.2K (1608)
R235	1-218-893-91	s	RES, CHIP 82K (1608)
R236	1-218-861-91	s	RES, CHIP 3.9K (1608)
R237	1-219-718-11	s	RES, CEMENT 0.1
R238	1-216-825-91	s	RES, CHIP 2.2K (1608)
R239	1-216-821-91	s	RES, CHIP 1.0K (1608)
R240	1-218-855-91	s	RES, CHIP 2.2K (1608)
R241	1-218-873-91	s	RES, CHIP 12K (1608)
R242	1-219-718-11	s	RES, CEMENT 0.1
R243	1-218-855-91	s	RES, CHIP 2.2K (1608)
R244	1-218-873-91	s	RES, CHIP 12K (1608)
R246	1-220-778-81	s	RES, NONFLAMMABLE FUSE 0.1
R247	1-220-778-81	s	RES, NONFLAMMABLE FUSE 0.1
R601	1-245-482-21	s	ANTI SURGE RESISTOR 680K
R602	1-245-482-21	s	ANTI SURGE RESISTOR 680K

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R603	1-245-482-21	s	ANTI SURGE RESISTOR 680K
R604	1-218-874-91	s	RES, CHIP 13K (1608)
R605	1-216-845-91	s	RES, CHIP 100K (1608)
R606	1-218-891-91	s	RES, CHIP 68K (1608)
R607	1-247-815-91	s	RES, CARBON (SMALL) 220
R608	1-216-803-91	s	RES, CHIP 33 (1608)
R609	1-249-389-91	s	RES, CARBON (SMALL) 4.7
R610	1-216-833-91	s	RES, CHIP 10K (1608)
R611	1-219-728-11	s	RES, CEMENT 0.22
R612	1-216-797-91	s	RES, CHIP 10 (1608)
R613	1-215-901-71	s	RES, METAL OXIDE FILM 33K
R614	1-260-360-71	s	RES, CARBON 470K
R615	1-260-360-71	s	RES, CARBON 470K
R616	1-216-831-91	s	RES, CHIP 6.8K (1608)
R617	1-216-833-91	s	RES, CHIP 10K (1608)
R618	1-218-867-91	s	RES, CHIP 6.8K (1608)
R619	1-247-831-91	s	RES, CARBON (SMALL) 1.0K
R620	1-243-662-71	s	RES, METAL PLATE 1.0
R621	1-247-809-91	s	RES, CARBON (SMALL) 120
R622	1-216-837-91	s	RES, CHIP 22K (1608)
R623	1-216-833-91	s	RES, CHIP 10K (1608)
R624	1-220-778-11	s	RES, NONFLAMMABLE FUSE
R625	1-219-512-91	s	RESISTOR(SURGE RESISTANT) 2.2M
R626	1-219-512-91	s	RESISTOR(SURGE RESISTANT) 2.2M
R627	1-216-837-91	s	RES, CHIP 22K (1608)
R628	1-218-899-91	s	RES, CHIP 150K (1608)
R629	1-218-876-91	s	RES, CHIP 16K (1608)
R630	1-218-286-91	s	RES, CHIP 91 (1608)
R631	1-218-287-91	s	RES, CHIP 200 (1608)
R632	1-218-847-91	s	RES, CHIP 1.0K (1608)
R633	1-249-393-91	s	RES, CARBON (SMALL) 10
R634	1-216-833-91	s	RES, CHIP 10K (1608)
R635	1-249-393-91	s	RES, CARBON (SMALL) 10
R636	1-216-833-91	s	RES, CHIP 10K (1608)
R637	1-243-979-71	s	RES, OXIDE METAL FILM 0.1
R638	1-219-728-11	s	RES, CEMENT 0.22
R639	1-249-393-91	s	RES, CARBON (SMALL) 10
R640	1-245-484-21	s	ANTI SURGE RESISTOR 820K
R641	1-245-484-21	s	ANTI SURGE RESISTOR 820K
R642	1-245-483-21	s	ANTI SURGE RESISTOR 750K
R643	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R644	1-218-917-91	s	RES, CHIP 820K (1608)
R645	1-218-876-91	s	RES, CHIP 16K (1608)
R646	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R651	1-215-459-91	s	RES, METAL FILM(SMALL TYPE)39K
R652	1-218-885-91	s	RES, CHIP 39K (1608)
R653	1-218-885-91	s	RES, CHIP 39K (1608)
R654	1-216-841-91	s	RES, CHIP 47K (1608)
R655	1-218-855-91	s	RES, CHIP 2.2K (1608)
R801	1-218-847-91	s	RES, CHIP 1.0K (1608)
R802	1-218-873-91	s	RES, CHIP 12K (1608)
R803	1-218-879-91	s	RES, CHIP 22K (1608)
R804	1-216-829-91	s	RES, CHIP 4.7K (1608)
R805	1-218-857-91	s	RES, CHIP 2.7K (1608)
R806	1-218-853-91	s	RES, CHIP 1.8K (1608)
R807	1-216-833-91	s	RES, CHIP 10K (1608)
R808	1-218-879-91	s	RES, CHIP 22K (1608)
R809	1-218-872-91	s	RES, CHIP 11K (1608)
R810	1-218-863-91	s	RES, CHIP 4.7K (1608)
R811	1-218-855-91	s	RES, CHIP 2.2K (1608)

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R812	1-216-821-91	s	RES, CHIP 1.0K (1608)
R813	1-216-833-91	s	RES, CHIP 10K (1608)
R814	1-208-828-91	s	RES, CHIP 82K (2012)
R815	1-208-828-91	s	RES, CHIP 82K (2012)
R816	1-208-828-91	s	RES, CHIP 82K (2012)
R817	1-218-855-91	s	RES, CHIP 2.2K (1608)
R818	1-218-855-91	s	RES, CHIP 2.2K (1608)
R819	1-218-849-91	s	RES, CHIP 1.2K (1608)
R820	1-216-833-91	s	RES, CHIP 10K (1608)
R821	1-216-833-91	s	RES, CHIP 10K (1608)
R822	1-216-833-91	s	RES, CHIP 10K (1608)
R823	1-216-833-91	s	RES, CHIP 10K (1608)
R824	1-216-809-91	s	RES, CHIP 100 (1608)
R825	1-216-809-91	s	RES, CHIP 100 (1608)
R826	1-216-809-91	s	RES, CHIP 100 (1608)
R827	1-216-809-91	s	RES, CHIP 100 (1608)
R828	1-216-841-91	s	RES, CHIP 47K (1608)
R829	1-216-837-91	s	RES, CHIP 22K (1608)
R901	⚠ 1-219-513-91	s	RESISTOR(SURGE RESISTANT) 4.7M
R902	⚠ 1-219-513-91	s	RESISTOR(SURGE RESISTANT) 4.7M
R903	1-216-845-91	s	RES, CHIP 100K (1608)
R904	1-216-815-91	s	RES, CHIP 330 (1608)
R905	1-216-829-91	s	RES, CHIP 4.7K (1608)
R906	1-216-833-91	s	RES, CHIP 10K (1608)
R907	1-260-085-81	s	RES, CARBON (SMALL TYPE) 68
RY1	⚠ 1-755-268-11	s	RELAY, AC POWER
RY2	⚠ 1-755-018-11	s	RELAY
SG1	1-533-982-21	s	GAP, SPARK
T1	⚠ 1-435-180-11	s	TRANSFORMER, LINE FILTER
T2	⚠ 1-435-180-11	s	TRANSFORMER, LINE FILTER
T101	⚠ 1-435-184-11	s	TRANSFORMER, CONVERTER (SRT)
T201	⚠ 1-443-676-21	s	CONVERTER TRANSFORMER (PIT)
THP2	1-809-827-11	s	THERMISTOR, POSITIVE
VDR2	⚠ 1-801-268-51	s	VARISTOR TNR14V471K660
VDR3	⚠ 1-810-622-21	s	VARISTOR

PA BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-285-A	s	MOUNTED CIRCUIT BOARD, PA
2pcs	7-682-950-01	s	SCREW +PSW 3X12
1pc	4-047-285-01	s	SHEET, INSULATING (Q108(1))
4pcs	4-382-854-11	s	SCREW (M3X10), P, SW (+) (Q105(1),Q108(1),Q405(1),Q406(1))
3pcs	7-682-647-09	s	SCREW +PS 3X6 (IC901(1),IC902(1),IC903(1))
C101	1-107-492-91	s	CAP, ELECT 47MF
C102	1-107-882-91	s	CAP, ELECT 100MF
C103	1-104-653-91	s	CAP, ELECT 220MF
C104	1-165-441-81	s	CAP, ELECT 33MF
C105	1-108-425-91	s	CAP, PE TEREPHTHALATE 0.022MF
C106	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C107	1-162-134-91	s	CAP, CERAMIC 470PF B
C108	1-136-069-11	s	CAP, P.P FILM 4400PF
C109	1-104-990-91	s	CAP, PETP FILM 0.0033MF
C110	1-117-671-11	s	CAP, PP FILM (S) 1.0MF
C111	1-165-751-31	s	CAP, ELECT 330MF 105
C113	1-115-350-91	s	CAP, CERAMIC 4700PF E
C116	1-108-425-91	s	CAP, PE TEREPHTHALATE 0.022MF
C117	1-164-004-91	s	CAP, CERAMIC 100000PF B (2012)
C118	1-165-875-91	s	CAP, CHIP CERAMIC 10MF B 3216
C119	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C120	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C121	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C122	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C151	1-128-526-91	s	CAP, ELECT 100MF
C152	1-107-882-91	s	CAP, ELECT 100MF
C153	1-107-882-91	s	CAP, ELECT 100MF
C161	1-128-526-91	s	CAP, ELECT 100MF
C201	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C202	1-104-653-91	s	CAP, ELECT 220MF
C203	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C402	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C404	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C405	1-131-608-91	s	CAP, CHIP CERAMIC 2.2MF B 3216
C501	1-107-882-91	s	CAP, ELECT 100MF
C502	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C503	1-107-906-91	s	CAP, ELECT 10MF
C504	1-164-739-91	s	CAP, CERAMIC 560PF CH (1608)
C505	1-107-882-91	s	CAP, ELECT 100MF
C506	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C507	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C508	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C509	1-107-905-91	s	CAP, ELECT 4.7MF
C510	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C511	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C512	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C514	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C515	1-137-369-91	s	CAP, PETP FILM 0.0068MF
C516	1-137-395-91	s	CAP, PETP FILM 0.022MF
C551	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C552	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C553	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C601	1-107-882-91	s	CAP, ELECT 100MF
C602	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C603	1-107-906-91	s	CAP, ELECT 10MF
C604	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C605	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C606	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C607	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C608	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C609	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C651	1-107-909-91	s	CAP, ELECT 47MF
C652	1-107-905-91	s	CAP, ELECT 4.7MF
C653	1-107-696-91	s	CAP, ELECT 47MF
C654	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C655	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
CN101	1-566-549-11	s	CONNECTOR 34P
CN102	1-564-513-11	o	PLUG, CONNECTOR 10P
CN103	1-766-243-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN104	1-766-241-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN105	1-766-240-11	o	PIN, CONNECTOR (PC BOARD) 2P
D101	8-719-404-50	s	DIODE MA111-TX
D102	8-719-112-81	s	DIODE RD12ES-T1B2
D103	8-719-991-19	s	DIODE ERC91-02TP11
D104	8-719-036-87	s	DIODE RD4.7SB-T1
D105	8-719-991-33	s	DIODE 1SS133T-77
D106	8-719-023-46	s	DIODE ERD38-06TP11
D108	8-719-979-23	s	DIODE RGP02-17PKG23
D201	8-719-404-50	s	DIODE MA111-TX
D202	8-719-404-50	s	DIODE MA111-TX
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-036-94	s	DIODE RD5.6SB-T1
D301	8-719-404-50	s	DIODE MA111-TX
D401	8-719-404-50	s	DIODE MA111-TX
D402	8-719-404-50	s	DIODE MA111-TX
D451	8-719-404-50	s	DIODE MA111-TX
D452	8-719-404-50	s	DIODE MA111-TX
D501	8-719-404-50	s	DIODE MA111-TX
D502	8-719-404-50	s	DIODE MA111-TX
D504	8-719-036-88	s	DIODE RD4.7SB1-T1
D505	8-719-036-94	s	DIODE RD5.6SB-T1
D506	8-719-404-50	s	DIODE MA111-TX
D507	8-719-404-50	s	DIODE MA111-TX
D508	8-719-404-50	s	DIODE MA111-TX
D509	8-719-037-22	s	DIODE RD12SB-T1
D510	8-719-404-50	s	DIODE MA111-TX
D601	8-759-300-59	s	DIODE HZT33-02TA
D602	8-719-404-50	s	DIODE MA111-TX
D603	8-719-404-50	s	DIODE MA111-TX
D604	8-719-404-50	s	DIODE MA111-TX
D605	8-719-036-70	s	DIODE RD2.7SB2-T1
D608	8-719-404-50	s	DIODE MA111-TX
D609	8-719-036-88	s	DIODE RD4.7SB1-T1
D651	8-759-300-59	s	DIODE HZT33-02TA
D652	8-719-404-50	s	DIODE MA111-TX
D653	8-719-404-50	s	DIODE MA111-TX
D654	8-719-036-74	s	DIODE RD3.3SB-T1
D655	8-719-404-50	s	DIODE MA111-TX
D656	8-719-404-50	s	DIODE MA111-TX
D657	8-719-036-65	s	DIODE RD2.0SB-T1
D659	8-719-036-88	s	DIODE RD4.7SB1-T1
D660	8-719-404-50	s	DIODE MA111-TX
FB101	1-410-397-51	s	FERRITE BEAD INDUCTOR
IC101	8-759-523-04	s	IC TC74HC4538AFT(EL)
IC151	8-759-701-79	s	IC NJM7812FA
IC152	8-759-929-65	s	IC LM7912CT
IC201	8-759-330-83	s	IC NJM2904M(TE2)
IC501	8-759-663-28	s	IC BA9758AFS-E2

(PA BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
IC502	8-759-157-42	s	IC TL082CPS-E20
IC601	8-759-276-28	s	IC LM393PS-E20
L101	1-412-529-41	s	MICRO INDUCTOR 22UH
L102	1-406-659-21	s	COIL, CHOKE 10UH
Q101	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q102	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q103	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q104	8-729-208-13	s	TRANSISTOR 2SA10910-TPE2
Q105	8-729-054-30	s	TRANSISTOR 2SJ585LS-CB11
Q106	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q107	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q108	8-729-020-63	s	TRANSISTOR 2SK1120LBSONY
Q109	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q202	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q203	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q204	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q301	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q401	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q402	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q403	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q404	8-729-820-53	s	TRANSISTOR 2SD1683-T
Q405	8-729-117-12	s	TRANSISTOR 2SB1151-K
Q451	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q452	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q501	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q601	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q602	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q603	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q651	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q652	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R101	1-216-833-91	s	RES, CHIP 10K (1608)
R102	1-218-831-91	s	RES, CHIP 220 (1608)
R103	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R104	1-216-347-71	s	RES, METAL OXIDE FILM 0.68
R105	1-215-477-91	s	RES,METAL FILM(SMALL TYPE)220K
R106	1-216-824-91	s	RES, CHIP 1.8K (1608)
R107	1-216-833-91	s	RES, CHIP 10K (1608)
R108	1-218-831-91	s	RES, CHIP 220 (1608)
R109	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R110	1-216-837-91	s	RES, CHIP 22K (1608)
R111	1-249-397-91	s	RES, CARBON (SMALL) 22
R112	1-216-797-91	s	RES, CHIP 10 (1608)
R113	1-216-821-91	s	RES, CHIP 1.0K (1608)
R114	1-249-397-91	s	RES, CARBON (SMALL) 22
R115	1-215-913-71	s	RES, METAL OXIDE FILM 220
R116	1-215-913-71	s	RES, METAL OXIDE FILM 220
R117	1-249-381-91	s	RES, CARBON (SMALL) 1
R119	1-211-828-71	s	RES, FUSE 470
R120	1-215-445-91	s	RES, METAL FILM(SMALL TYPE)10K
R121	1-218-903-91	s	RES, CHIP 220K (1608)
R122	1-216-843-91	s	RES, CHIP 68K (1608)
R123	1-216-843-91	s	RES, CHIP 68K (1608)
R124	1-216-843-91	s	RES, CHIP 68K (1608)
R125	1-216-843-91	s	RES, CHIP 68K (1608)
R126	1-216-839-91	s	RES, CHIP 33K (1608)
R151	1-249-392-91	s	RES, CARBON (SMALL) 8.2

(PA BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R152	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R201	1-218-905-91	s	RES, CHIP 270K (1608)
R202	1-218-889-91	s	RES, CHIP 56K (1608)
R203	1-216-833-91	s	RES, CHIP 10K (1608)
R204	1-216-845-91	s	RES, CHIP 100K (1608)
R205	1-218-896-91	s	RES, CHIP 110K (1608)
R206	1-216-829-91	s	RES, CHIP 4.7K (1608)
R207	1-218-901-91	s	RES, CHIP 180K (1608)
R208	1-245-946-11	s	RES, METAL FILM 10M
R209	1-218-888-91	s	RES, CHIP 51K (1608)
R210	1-245-946-11	s	RES, METAL FILM 10M
R211	1-219-759-91	s	RESISTOR (SURGE RESISTANT) 1M
R212	1-218-859-91	s	RES, CHIP 3.3K (1608)
R213	1-218-859-91	s	RES, CHIP 3.3K (1608)
R214	1-216-822-91	s	RES, CHIP 1.2K (1608)
R301	1-216-821-91	s	RES, CHIP 1.0K (1608)
R302	1-216-837-91	s	RES, CHIP 22K (1608)
R303	1-216-833-91	s	RES, CHIP 10K (1608)
R304	1-216-833-91	s	RES, CHIP 10K (1608)
R305	1-216-848-91	s	RES, CHIP 180K (1608)
R306	1-219-759-91	s	RESISTOR (SURGE RESISTANT) 1M
R402	1-216-833-91	s	RES, CHIP 10K (1608)
R403	1-216-809-91	s	RES, CHIP 100 (1608)
R404	1-216-831-91	s	RES, CHIP 6.8K (1608)
R405	1-216-822-91	s	RES, CHIP 1.2K (1608)
R406	1-216-814-91	s	RES, CHIP 270 (1608)
R407	1-216-829-91	s	RES, CHIP 4.7K (1608)
R408	1-249-393-91	s	RES, CARBON (SMALL) 10
R409	1-249-393-91	s	RES, CARBON (SMALL) 10
R410	1-215-862-71	s	RES, METAL OXIDE FILM 68
R411	1-215-862-71	s	RES, METAL OXIDE FILM 68
R412	1-245-945-11	s	RES, METAL FILM 2M
R413	1-216-827-91	s	RES, CHIP 3.3K (1608)
R451	1-216-846-91	s	RES, CHIP 120K (1608)
R452	1-245-945-11	s	RES, METAL FILM 2M
R453	1-245-946-11	s	RES, METAL FILM 10M
R454	1-219-749-91	s	RESISTOR (SURGE RESISTANT) 10K
R501	1-216-837-91	s	RES, CHIP 22K (1608)
R502	1-218-895-91	s	RES, CHIP 100K (1608)
R503	1-216-830-91	s	RES, CHIP 5.6K (1608)
R504	1-216-821-91	s	RES, CHIP 1.0K (1608)
R505	1-216-829-91	s	RES, CHIP 4.7K (1608)
R506	1-216-829-91	s	RES, CHIP 4.7K (1608)
R507	1-216-829-91	s	RES, CHIP 4.7K (1608)
R508	1-216-841-81	s	RES, CHIP 47K (1608)
R509	1-216-841-81	s	RES, CHIP 47K (1608)
R510	1-216-841-81	s	RES, CHIP 47K (1608)
R511	1-216-809-91	s	RES, CHIP 100 (1608)
R512	1-216-833-91	s	RES, CHIP 10K (1608)
R513	1-218-883-91	s	RES, CHIP 33K (1608)
R514	1-218-875-91	s	RES, CHIP 15K (1608)
R515	1-218-867-91	s	RES, CHIP 6.8K (1608)
R516	1-216-833-91	s	RES, CHIP 10K (1608)
R517	1-216-845-91	s	RES, CHIP 100K (1608)
R518	1-219-753-91	s	RESISTOR(SURGE RESISTANT) 220K
R519	1-219-748-91	s	RESISTOR(SURGE RESISTANT) 4.7K
R520	1-216-845-91	s	RES, CHIP 100K (1608)
R521	1-216-809-91	s	RES, CHIP 100 (1608)
R551	1-216-809-91	s	RES, CHIP 100 (1608)

(PA BOARD (BVM-A20))

Ref. No. or Q'ty	Part No.	SP	Description
R552	1-216-845-91	s	RES, CHIP 100K (1608)
R553	1-216-809-91	s	RES, CHIP 100 (1608)
R601	1-215-902-71	s	RES, METAL OXIDE FILM 47K
R602	1-218-897-91	s	RES, CHIP 120K (1608)
R603	1-218-912-91	s	RES, CHIP 510K (1608)
R604	1-218-912-91	s	RES, CHIP 510K (1608)
R605	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R606	1-218-894-91	s	RES, CHIP 91K (1608)
R607	1-218-862-91	s	RES, CHIP 4.3K (1608)
R608	1-216-837-91	s	RES, CHIP 22K (1608)
R651	1-215-902-71	s	RES, METAL OXIDE FILM 47K
R652	1-218-888-91	s	RES, CHIP 51K (1608)
R653	1-218-887-91	s	RES, CHIP 47K (1608)
R654	1-218-879-91	s	RES, CHIP 22K (1608)
R655	1-218-890-91	s	RES, CHIP 62K (1608)
R656	1-218-879-91	s	RES, CHIP 22K (1608)
R657	1-216-837-91	s	RES, CHIP 22K (1608)
R658	1-216-823-91	s	RES, CHIP 1.5K (1608)
RV501 ⧓	1-228-991-11	s	RES, ADJ, METAL GLAZE 2.2K
RV601 ⧓	1-228-994-11	s	RES, ADJ, METAL GLAZE 10K
T101 ⚠	1-429-284-11	s	TRANSFORMER, FERRITE (LOT)
T401 ⚠	1-424-555-12	s	TRANSFORMER, FERRITE (DFT)
TP501	1-535-877-22	s	CHIP, CHECKER
TP502	1-535-877-22	s	CHIP, CHECKER
TP503	1-535-877-22	s	CHIP, CHECKER
TP504	1-535-877-22	s	CHIP, CHECKER
TP601	1-535-877-22	s	CHIP, CHECKER
TP602	1-535-877-22	s	CHIP, CHECKER
TP603	1-535-877-22	s	CHIP, CHECKER

PA BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-092-A	s	MOUNTED CIRCUIT BOARD, PA
2pcs	7-682-950-01	s	SCREW +PSW 3X12
1pc	4-047-285-01	s	SHEET, INSULATING (Q108(1))
4pcs	4-382-854-11	s	SCREW (M3X10), P, SW (+) (Q105(1),Q108(1),Q405(1),Q406(1))
3pcs	7-682-647-09	s	SCREW +PS 3X6 (IC901(1),IC902(1),IC903(1))
C101	1-107-492-91	s	CAP, ELECT 47MF
C102	1-107-882-91	s	CAP, ELECT 100MF
C103	1-104-653-91	s	CAP, ELECT 220MF
C104	1-165-441-81	s	CAP, ELECT 33MF
C105	1-108-425-91	s	CAP, PE TEREPHTHALATE 0.022MF
C106	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C107	1-162-134-91	s	CAP, CERAMIC 470PF B
C108	1-136-069-11	s	CAP, P.P FILM 4400PF
C109	1-104-990-91	s	CAP, PETP FILM 0.0033MF
C110	1-117-671-11	s	CAP, PP FILM (S) 1.0MF
C111	1-165-751-31	s	CAP, ELECT 330MF 105
C112	1-165-441-81	s	CAP, ELECT 33MF
C113	1-115-350-91	s	CAP, CERAMIC 4700PF E
C114	1-115-350-91	s	CAP, CERAMIC 4700PF E
C115	1-115-350-91	s	CAP, CERAMIC 4700PF E
C116	1-108-425-91	s	CAP, PE TEREPHTHALATE 0.022MF
C117	1-164-004-91	s	CAP, CERAMIC 100000PF B (2012)
C118	1-165-875-91	s	CAP, CHIP CERAMIC 10MF B 3216
C119	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C120	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C121	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C122	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C151	1-128-526-91	s	CAP, ELECT 100MF
C152	1-107-882-91	s	CAP, ELECT 100MF
C153	1-107-882-91	s	CAP, ELECT 100MF
C161	1-128-526-91	s	CAP, ELECT 100MF
C201	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C202	1-107-909-91	s	CAP, ELECT 47MF
C203	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C401	1-107-943-91	s	CAP, ELECT 10MF
C402	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C404	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C405	1-137-376-91	s	CAP, PETP FILM 0.1MF
C406	1-107-905-91	s	CAP, ELECT 4.7MF
C407	1-126-364-91	s	CAP, ELECT 22MF
C801	1-107-875-91	s	CAP, ELECT 220MF
C802	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C803	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C805	1-104-652-91	s	CAP, ELECT 470MF
C806	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C807	1-104-652-91	s	CAP, ELECT 470MF
C808	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C809	1-104-652-91	s	CAP, ELECT 470MF
C810	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C811	1-104-652-91	s	CAP, ELECT 470MF
C812	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C813	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C814	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C815	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C816	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C817	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C818	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C819	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C820	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608

(PA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
C821	1-104-652-91	s	CAP, ELECT 470MF
C822	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C823	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C824	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C825	1-104-652-91	s	CAP, ELECT 470MF
C826	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C831	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C832	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C833	1-126-935-91	s	CAP, ELECT 470MF
C834	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C835	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C841	1-107-888-91	s	CAP, ELECT 47MF
C842	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C843	1-107-884-91	s	CAP, ELECT 1000MF
C844	1-128-339-91	s	CAP, ELECT 2200MF
C845	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C861	1-128-339-91	s	CAP, ELECT 2200MF
C862	1-107-884-91	s	CAP, ELECT 1000MF
C863	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C881	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C882	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C885	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C886	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C891	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C892	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C893	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C894	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C895	1-163-021-91	s	CAP, CERAMIC 10000PF B (2012)
C896	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C901	1-107-888-91	s	CAP, ELECT 47MF
C902	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C903	1-107-888-91	s	CAP, ELECT 47MF
C904	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C905	1-107-888-91	s	CAP, ELECT 47MF
C906	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C911	1-107-888-91	s	CAP, ELECT 47MF
C912	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C913	1-107-888-91	s	CAP, ELECT 47MF
C914	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C915	1-107-888-91	s	CAP, ELECT 47MF
C916	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C921	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C922	1-137-376-91	s	CAP, PETP FILM 0.1MF
C923	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C931	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C932	1-137-376-91	s	CAP, PETP FILM 0.1MF
C933	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C941	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C942	1-137-376-91	s	CAP, PETP FILM 0.1MF
C943	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C951	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C952	1-137-376-91	s	CAP, PETP FILM 0.1MF
C953	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C961	1-127-715-91	s	CAP,CHIP CERAMIC 0.22MF B 1608
C962	1-130-495-91	s	CAP, PE TEREPHTHALATE 0.1MF
C963	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN101	1-566-549-11	s	CONNECTOR 34P
CN103	1-766-243-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN201	1-766-241-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN401	1-766-242-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN901	1-564-513-11	o	PLUG, CONNECTOR 10P

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Ref. No. or Q'ty	Part No.	SP	Description
D101	8-719-404-50	s	DIODE MA111-TX
D102	8-719-112-81	s	DIODE RD12ES-T1B2
D103	8-719-991-19	s	DIODE ERC91-02TP11
D104	8-719-036-87	s	DIODE RD4.7SB-T1
D105	8-719-991-33	s	DIODE 1SS133T-77
D106	8-719-023-46	s	DIODE ERD38-06TP11
D107	8-719-023-46	s	DIODE ERD38-06TP11
D108	8-719-979-23	s	DIODE RGP02-17PKG23
D109	8-719-979-23	s	DIODE RGP02-17PKG23
D110	8-719-979-23	s	DIODE RGP02-17PKG23
D201	8-719-404-50	s	DIODE MA111-TX
D202	8-719-404-50	s	DIODE MA111-TX
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-036-94	s	DIODE RD5.6SB-T1
D401	8-719-991-33	s	DIODE 1SS133T-77
D402	8-719-991-33	s	DIODE 1SS133T-77
D451	8-719-404-50	s	DIODE MA111-TX
D452	8-719-404-50	s	DIODE MA111-TX
D801	8-719-404-50	s	DIODE MA111-TX
D921	8-719-820-42	s	DIODE 1SS302-TE85L
D931	8-719-820-42	s	DIODE 1SS302-TE85L
D941	8-719-820-42	s	DIODE 1SS302-TE85L
D951	8-719-820-42	s	DIODE 1SS302-TE85L
D961	8-719-820-42	s	DIODE 1SS302-TE85L
F801	1-533-998-21	s	FUSE, (SMD) (1A/125V)
F802	1-533-998-21	s	FUSE, (SMD) (1A/125V)
FB101	1-410-397-51	s	FERRITE BEAD INDUCTOR
FL801	1-233-327-11	s	FILTER, CHIP EMI
IC101	8-759-523-04	s	IC TC74HC4538AFT(EL)
IC151	8-759-701-79	s	IC NJM7812FA
IC152	8-759-929-65	s	IC LM7912CT
IC201	8-759-330-83	s	IC NJM2904M(TE2)
IC712	8-759-157-42	s	IC TL082CPS-E20
IC801	8-752-072-94	s	IC CXA1875AM-T4
IC802	8-752-072-94	s	IC CXA1875AM-T4
IC803	8-759-925-54	s	IC LM2940CT-5.0 NOPB
IC804	8-759-247-67	s	IC LM2990T-5.0
IC811	8-759-249-16	s	IC NJM4558M-TE2
IC812	8-759-249-16	s	IC NJM4558M-TE2
IC813	8-759-249-16	s	IC NJM4558M-TE2
IC814	8-759-249-16	s	IC NJM4558M-TE2
IC815	8-759-249-16	s	IC NJM4558M-TE2
IC816	8-759-249-16	s	IC NJM4558M-TE2
IC817	8-759-249-16	s	IC NJM4558M-TE2
IC818	8-759-249-16	s	IC NJM4558M-TE2
IC821	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC822	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC901	8-759-822-38	s	IC LA6510
IC902	8-759-822-38	s	IC LA6510
IC903	8-759-803-42	s	IC LA6500-FA
L101	1-412-529-41	s	MICRO INDUCTOR 22UH
L102	1-406-659-21	s	COIL, CHOKE 10UH
Q101	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q102	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q103	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q104	8-729-208-13	s	TRANSISTOR 2SA1091O-TPE2

(PA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
Q105	8-729-054-30	s	TRANSISTOR 2SJ585LS-CB11
Q106	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q107	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q108	8-729-020-63	s	TRANSISTOR 2SK1120LBSONY
Q109	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-032-61	s	TRANSISTOR 2SC5022-02
Q202	8-729-032-61	s	TRANSISTOR 2SC5022-02
Q203	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q204	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q401	8-729-204-98	s	TRANSISTOR 2SC2551O-TPE2
Q402	8-729-204-98	s	TRANSISTOR 2SC2551O-TPE2
Q403	8-729-209-62	s	TRANSISTOR 2SC2459-GR-TPE4
Q404	8-729-203-85	s	TRANSISTOR 2SA1049TP-GR
Q405	8-729-207-82	s	TRANSISTOR 2SC3421-Y
Q406	8-729-207-82	s	TRANSISTOR 2SC3421-Y
Q451	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
Q452	8-729-020-07	s	TRANSISTOR 2SC4686A(LBSONY)
R101	1-216-833-91	s	RES, CHIP 10K (1608)
R102	1-218-831-91	s	RES, CHIP 220 (1608)
R103	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R104	1-216-347-71	s	RES, METAL OXIDE FILM 0.68
R105	1-215-477-91	s	RES,METAL FILM(SMALL TYPE)220K
R106	1-216-824-91	s	RES, CHIP 1.8K (1608)
R107	1-216-833-91	s	RES, CHIP 10K (1608)
R108	1-218-831-91	s	RES, CHIP 220 (1608)
R109	1-215-479-91	s	RES,METAL FILM(SMALL TYPE)270K
R110	1-216-837-91	s	RES, CHIP 22K (1608)
R111	1-249-397-91	s	RES, CARBON (SMALL) 22
R112	1-216-797-91	s	RES, CHIP 10 (1608)
R113	1-216-821-91	s	RES, CHIP 1.0K (1608)
R114	1-249-397-91	s	RES, CARBON (SMALL) 22
R115	1-215-913-71	s	RES, METAL OXIDE FILM 220
R116	1-215-913-71	s	RES, METAL OXIDE FILM 220
R117	1-249-381-91	s	RES, CARBON (SMALL) 1
R118	1-249-381-91	s	RES, CARBON (SMALL) 1
R119	1-211-828-71	s	RES, FUSE 470
R120	1-215-445-91	s	RES, METAL FILM(SMALL TYPE)10K
R121	1-218-903-91	s	RES, CHIP 220K (1608)
R122	1-216-843-91	s	RES, CHIP 68K (1608)
R123	1-216-843-91	s	RES, CHIP 68K (1608)
R124	1-216-843-91	s	RES, CHIP 68K (1608)
R125	1-216-843-91	s	RES, CHIP 68K (1608)
R126	1-216-839-91	s	RES, CHIP 33K (1608)
R151	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R152	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R201	1-218-895-91	s	RES, CHIP 100K (1608)
R202	1-218-899-91	s	RES, CHIP 150K (1608)
R203	1-216-833-91	s	RES, CHIP 10K (1608)
R204	1-216-845-91	s	RES, CHIP 100K (1608)
R205	1-218-893-91	s	RES, CHIP 82K (1608)
R206	1-216-829-91	s	RES, CHIP 4.7K (1608)
R207	1-218-883-91	s	RES, CHIP 33K (1608)
R208	1-245-946-11	s	RES, METAL FILM 10M
R209	1-218-905-91	s	RES, CHIP 270K (1608)
R210	1-245-946-11	s	RES, METAL FILM 10M
R211	1-219-759-91	s	RESISTOR (SURGE RESISTANT) 1M
R212	1-218-859-91	s	RES, CHIP 3.3K (1608)
R213	1-218-859-91	s	RES, CHIP 3.3K (1608)

(PA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
R214	1-216-822-91	s	RES, CHIP 1.2K (1608)
R401	1-260-304-71	s	RES, CARBON 10
R402	1-216-833-91	s	RES, CHIP 10K (1608)
R403	1-216-809-91	s	RES, CHIP 100 (1608)
R404	1-216-826-91	s	RES, CHIP 2.7K (1608)
R405	1-247-799-91	s	RES, CARBON (SMALL) 47
R406	1-215-901-71	s	RES, METAL OXIDE FILM 33K
R407	1-247-775-91	s	RES, CARBON (SMALL) 4.7
R408	1-215-448-91	s	RES, METAL FILM(SMALL TYPE)13K
R409	1-215-433-91	s	RES,METAL FILM(SMALL TYPE)3.3K
R410	1-215-459-91	s	RES, METAL FILM(SMALL TYPE)39K
R412	1-249-389-91	s	RES, CARBON (SMALL) 4.7
R413	1-249-389-91	s	RES, CARBON (SMALL) 4.7
R414	1-249-389-91	s	RES, CARBON (SMALL) 4.7
R415	1-215-881-71	s	RES, METAL OXIDE FILM 15
R451	1-216-846-91	s	RES, CHIP 120K (1608)
R452	1-245-945-11	s	RES, METAL FILM 2M
R453	1-245-946-11	s	RES, METAL FILM 10M
R454	1-219-749-91	s	RESISTOR (SURGE RESISTANT) 10K
R777	1-216-809-91	s	RES, CHIP 100 (1608)
R801	1-216-833-91	s	RES, CHIP 10K (1608)
R802	1-216-833-91	s	RES, CHIP 10K (1608)
R803	1-216-813-91	s	RES, CHIP 220 (1608)
R804	1-216-813-91	s	RES, CHIP 220 (1608)
R805	1-216-833-91	s	RES, CHIP 10K (1608)
R806	1-216-833-91	s	RES, CHIP 10K (1608)
R807	1-216-833-91	s	RES, CHIP 10K (1608)
R808	1-216-833-91	s	RES, CHIP 10K (1608)
R809	1-216-813-91	s	RES, CHIP 220 (1608)
R810	1-216-813-91	s	RES, CHIP 220 (1608)
R811	1-216-833-91	s	RES, CHIP 10K (1608)
R812	1-216-833-91	s	RES, CHIP 10K (1608)
R813	1-218-875-91	s	RES, CHIP 15K (1608)
R814	1-218-875-91	s	RES, CHIP 15K (1608)
R815	1-218-875-91	s	RES, CHIP 15K (1608)
R816	1-218-875-91	s	RES, CHIP 15K (1608)
R817	1-218-875-91	s	RES, CHIP 15K (1608)
R818	1-218-879-91	s	RES, CHIP 22K (1608)
R820	1-216-837-91	s	RES, CHIP 22K (1608)
R821	1-216-833-91	s	RES, CHIP 10K (1608)
R822	1-218-871-91	s	RES, CHIP 10K (1608)
R823	1-218-881-91	s	RES, CHIP 27K (1608)
R824	1-218-871-91	s	RES, CHIP 10K (1608)
R825	1-218-878-91	s	RES, CHIP 20K (1608)
R826	1-218-887-91	s	RES, CHIP 47K (1608)
R827	1-216-861-91	s	RES, CHIP 2.2M (1608)
R828	1-216-127-91	s	RES, CHIP 1.8M (2012)
R829	1-218-847-91	s	RES, CHIP 1.0K (1608)
R830	1-218-879-91	s	RES, CHIP 22K (1608)
R831	1-218-863-91	s	RES, CHIP 4.7K (1608)
R832	1-218-887-91	s	RES, CHIP 47K (1608)
R833	1-218-871-91	s	RES, CHIP 10K (1608)
R834	1-218-890-91	s	RES, CHIP 62K (1608)
R835	1-218-879-91	s	RES, CHIP 22K (1608)
R836	1-218-879-91	s	RES, CHIP 22K (1608)
R837	1-218-877-91	s	RES, CHIP 18K (1608)
R838	1-218-879-91	s	RES, CHIP 22K (1608)
R839	1-218-895-91	s	RES, CHIP 100K (1608)
R840	1-218-895-91	s	RES, CHIP 100K (1608)

(PA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
R841	1-216-833-91	s	RES, CHIP 10K (1608)
R842	1-218-855-91	s	RES, CHIP 2.2K (1608)
R843	1-218-863-91	s	RES, CHIP 4.7K (1608)
R844	1-218-880-91	s	RES, CHIP 24K (1608)
R845	1-216-828-91	s	RES, CHIP 3.9K (1608)
R846	1-218-874-91	s	RES, CHIP 13K (1608)
R847	1-218-917-91	s	RES, CHIP 820K (1608)
R848	1-216-853-91	s	RES, CHIP 470K (1608)
R849	1-218-871-91	s	RES, CHIP 10K (1608)
R850	1-216-861-91	s	RES, CHIP 2.2M (1608)
R851	1-216-853-91	s	RES, CHIP 470K (1608)
R852	1-218-867-91	s	RES, CHIP 6.8K (1608)
R853	1-218-871-91	s	RES, CHIP 10K (1608)
R854	1-218-871-91	s	RES, CHIP 10K (1608)
R855	1-216-825-91	s	RES, CHIP 2.2K (1608)
R856	1-218-864-91	s	RES, CHIP 5.1K (1608)
R857	1-218-877-91	s	RES, CHIP 18K (1608)
R858	1-218-871-91	s	RES, CHIP 10K (1608)
R859	1-218-871-91	s	RES, CHIP 10K (1608)
R860	1-218-877-91	s	RES, CHIP 18K (1608)
R861	1-218-871-91	s	RES, CHIP 10K (1608)
R862	1-218-871-91	s	RES, CHIP 10K (1608)
R864	1-216-861-91	s	RES, CHIP 2.2M (1608)
R865	1-218-919-91	s	RES, CHIP 1M (1608)
R866	1-216-853-91	s	RES, CHIP 470K (1608)
R867	1-218-871-91	s	RES, CHIP 10K (1608)
R868	1-216-853-91	s	RES, CHIP 470K (1608)
R869	1-218-869-91	s	RES, CHIP 8.2K (1608)
R870	1-218-871-91	s	RES, CHIP 10K (1608)
R871	1-218-871-91	s	RES, CHIP 10K (1608)
R872	1-216-826-91	s	RES, CHIP 2.7K (1608)
R873	1-218-855-91	s	RES, CHIP 2.2K (1608)
R874	1-218-883-91	s	RES, CHIP 33K (1608)
R875	1-218-871-91	s	RES, CHIP 10K (1608)
R876	1-218-871-91	s	RES, CHIP 10K (1608)
R877	1-218-871-91	s	RES, CHIP 10K (1608)
R878	1-218-871-91	s	RES, CHIP 10K (1608)
R881	1-218-878-91	s	RES, CHIP 20K (1608)
R882	1-218-873-91	s	RES, CHIP 12K (1608)
R883	1-218-871-91	s	RES, CHIP 10K (1608)
R884	1-218-877-91	s	RES, CHIP 18K (1608)
R885	1-218-878-91	s	RES, CHIP 20K (1608)
R886	1-218-873-91	s	RES, CHIP 12K (1608)
R887	1-218-871-91	s	RES, CHIP 10K (1608)
R888	1-218-877-91	s	RES, CHIP 18K (1608)
R889	1-218-878-91	s	RES, CHIP 20K (1608)
R890	1-218-873-91	s	RES, CHIP 12K (1608)
R891	1-218-871-91	s	RES, CHIP 10K (1608)
R892	1-218-877-91	s	RES, CHIP 18K (1608)
R893	1-218-878-91	s	RES, CHIP 20K (1608)
R894	1-218-873-91	s	RES, CHIP 12K (1608)
R895	1-218-871-91	s	RES, CHIP 10K (1608)
R896	1-218-877-91	s	RES, CHIP 18K (1608)
R898	1-218-871-91	s	RES, CHIP 10K (1608)
R899	1-218-871-91	s	RES, CHIP 10K (1608)
R900	1-218-879-91	s	RES, CHIP 22K (1608)
R901	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R902	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R903	1-249-383-91	s	RES, CARBON (SMALL) 1.5

(PA BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
R911	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R912	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R913	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R921	1-216-833-91	s	RES, CHIP 10K (1608)
R922	1-216-833-91	s	RES, CHIP 10K (1608)
R923	1-216-833-91	s	RES, CHIP 10K (1608)
R924	1-215-882-71	s	RES, METAL OXIDE FILM 22
R925	1-249-441-91	s	RES, CARBON (SMALL) 100K
R926	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R927	1-216-789-91	s	RES, CHIP 2.2 (1608)
R931	1-216-833-91	s	RES, CHIP 10K (1608)
R932	1-216-833-91	s	RES, CHIP 10K (1608)
R933	1-216-833-91	s	RES, CHIP 10K (1608)
R934	1-215-882-71	s	RES, METAL OXIDE FILM 22
R935	1-249-441-91	s	RES, CARBON (SMALL) 100K
R936	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R937	1-216-789-91	s	RES, CHIP 2.2 (1608)
R941	1-216-833-91	s	RES, CHIP 10K (1608)
R942	1-216-833-91	s	RES, CHIP 10K (1608)
R943	1-216-833-91	s	RES, CHIP 10K (1608)
R944	1-215-882-71	s	RES, METAL OXIDE FILM 22
R945	1-249-441-91	s	RES, CARBON (SMALL) 100K
R946	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R947	1-216-789-91	s	RES, CHIP 2.2 (1608)
R951	1-216-833-91	s	RES, CHIP 10K (1608)
R952	1-216-833-91	s	RES, CHIP 10K (1608)
R953	1-216-833-91	s	RES, CHIP 10K (1608)
R954	1-215-882-71	s	RES, METAL OXIDE FILM 22
R955	1-249-441-91	s	RES, CARBON (SMALL) 100K
R956	1-249-383-91	s	RES, CARBON (SMALL) 1.5
R957	1-216-789-91	s	RES, CHIP 2.2 (1608)
R961	1-216-833-91	s	RES, CHIP 10K (1608)
R962	1-216-833-91	s	RES, CHIP 10K (1608)
R963	1-216-833-91	s	RES, CHIP 10K (1608)
R964	1-215-859-71	s	RES, METAL OXIDE FILM 22
R965	1-249-441-91	s	RES, CARBON (SMALL) 100K
R966	1-249-383-91	s	RES, CARBON (SMALL) 1.5
T101	⚠ 1-443-579-11	s	FERRITE TRANSFORMER (LOT)
T401	⚠ 1-431-998-11	s	TRANSFORMER, FERRITE (DFT)
TP801	1-535-877-22	s	CHIP, CHECKER
TP802	1-535-877-22	s	CHIP, CHECKER
TP803	1-535-877-22	s	CHIP, CHECKER
TP804	1-535-877-22	s	CHIP, CHECKER

PC BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1168-481-A	s	MOUNTED CIRCUIT BOARD, PC
2pcs	3-710-578-01	s	COVER,VOLUME,6MOLD (RV501(1),RV601(1))
3pcs	4-042-408-02	o	PIN(45),WIRE (LP501,502,503)
C701	1-104-993-91	s	CAP, PETP FILM 0.01MF
C702	1-137-399-91	s	CAP, PETP FILM 0.1MF
CN701	1-766-243-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN702	1-564-513-11	o	PLUG, CONNECTOR 10P
CN703	1-508-766-13	o	PIN, CONNECTOR (5MM PITCH) 4P
D702	8-719-936-85	s	DIODE RGP10G-6038E3/23
NEL701	1-517-778-21	s	LAMP, NEON
NEL702	1-517-778-21	s	LAMP, NEON
R701	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R702	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R703	1-215-425-91	s	RES,METAL FILM(SMALL TYPE)1.5K
R704	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R705	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R706	1-215-425-91	s	RES,METAL FILM(SMALL TYPE)1.5K
R707	1-249-404-91	s	RES, CARBON (SMALL) 82
R708	1-215-493-91	s	RES,METAL FILM(SMALL TYPE)1.0M
T701	⚠ 1-453-475-11	s	FBT ASSY, R/P (WITH ANODE CAP)

PC BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1134-020-A	s	MOUNTED CIRCUIT BOARD, PC
2pcs	3-710-578-01	s	COVER,VOLUME,6MOLD (RV501(1),RV601(1))
3pcs	4-042-408-02	o	PIN(45),WIRE (LP501,502,503)
C501	1-107-882-91	s	CAP, ELECT 100MF
C502	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C503	1-107-906-91	s	CAP, ELECT 10MF
C504	1-164-739-91	s	CAP, CERAMIC 560PF CH (1608)
C505	1-107-882-91	s	CAP, ELECT 100MF
C506	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C507	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C508	1-164-315-91	s	CAP, CERAMIC 470PF CH (1608)
C509	1-107-905-91	s	CAP, ELECT 4.7MF
C510	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C511	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C512	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C514	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C515	1-137-369-91	s	CAP, PETP FILM 0.0068MF
C516	1-137-395-91	s	CAP, PETP FILM 0.022MF
C531	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C532	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C551	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C552	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C553	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C601	1-107-882-91	s	CAP, ELECT 100MF
C602	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C603	1-107-906-91	s	CAP, ELECT 10MF
C604	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C605	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C606	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C607	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C609	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C611	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C621	1-107-492-91	s	CAP, ELECT 47MF
C651	1-107-909-91	s	CAP, ELECT 47MF
C652	1-107-905-91	s	CAP, ELECT 4.7MF
C653	1-107-696-91	s	CAP, ELECT 47MF
C654	1-162-970-91	s	CAP, CERAMIC 10000PF B 1608
C655	1-127-573-91	s	CAP, CHIP CERAMIC 1MF B (2012)
C691	1-128-526-91	s	CAP, ELECT 100MF
C692	1-107-882-91	s	CAP, ELECT 100MF
C693	1-107-882-91	s	CAP, ELECT 100MF
C701	1-104-993-91	s	CAP, PETP FILM 0.01MF
C702	1-137-399-91	s	CAP, PETP FILM 0.1MF
CN701	1-766-243-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN702	1-766-242-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN703	1-508-766-13	o	PIN, CONNECTOR (5MM PITCH) 4P
D501	8-719-404-50	s	DIODE MA111-TX
D502	8-719-404-50	s	DIODE MA111-TX
D504	8-719-036-88	s	DIODE RD4.7SB1-T1
D505	8-719-036-94	s	DIODE RD5.6SB-T1
D506	8-719-404-50	s	DIODE MA111-TX
D507	8-719-404-50	s	DIODE MA111-TX
D508	8-719-404-50	s	DIODE MA111-TX
D509	8-719-037-22	s	DIODE RD12SB-T1
D510	8-719-404-50	s	DIODE MA111-TX
D601	8-759-300-59	s	DIODE HZT33-02TA
D602	8-719-404-50	s	DIODE MA111-TX
D603	8-719-404-50	s	DIODE MA111-TX
D604	8-719-404-50	s	DIODE MA111-TX
D605	8-719-036-70	s	DIODE RD2.7SB2-T1

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Ref. No. or Q'ty	Part No.	SP	Description
D608	8-719-404-50	s	DIODE MA111-TX
D609	8-719-036-88	s	DIODE RD4.7SB1-T1
D651	8-759-300-59	s	DIODE HZT33-02TA
D652	8-719-404-50	s	DIODE MA111-TX
D653	8-719-404-50	s	DIODE MA111-TX
D654	8-719-036-74	s	DIODE RD3.3SB-T1
D655	8-719-404-50	s	DIODE MA111-TX
D656	8-719-404-50	s	DIODE MA111-TX
D657	8-719-036-65	s	DIODE RD2.0SB-T1
D659	8-719-036-88	s	DIODE RD4.7SB1-T1
D660	8-719-404-50	s	DIODE MA111-TX
D702	8-719-936-85	s	DIODE RGP10G-6038E3/23
IC501	8-759-663-28	s	IC BA9758AFS-E2
IC502	8-759-157-42	s	IC TL082CPS-E20
IC601	8-759-276-28	s	IC LM393PS-E20
IC691	8-759-701-79	s	IC NJM7812FA
L601	1-412-529-41	s	MICRO INDUCTOR 22UH
NEL701	1-517-778-21	s	LAMP, NEON
NEL702	1-517-778-21	s	LAMP, NEON
Q501	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q502	8-729-824-24	s	TRANSISTOR 2SA1338-5-TB-E
Q503	8-729-019-85	s	TRANSISTOR 2SC3392-5-TB-E
Q504	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q505	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q601	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q602	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q603	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q651	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q652	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R501	1-216-837-91	s	RES, CHIP 22K (1608)
R502	1-218-895-91	s	RES, CHIP 100K (1608)
R503	1-216-830-91	s	RES, CHIP 5.6K (1608)
R504	1-216-821-91	s	RES, CHIP 1.0K (1608)
R505	1-216-829-91	s	RES, CHIP 4.7K (1608)
R506	1-216-829-91	s	RES, CHIP 4.7K (1608)
R507	1-216-829-91	s	RES, CHIP 4.7K (1608)
R508	1-216-841-81	s	RES, CHIP 47K (1608)
R509	1-216-841-81	s	RES, CHIP 47K (1608)
R510	1-216-841-81	s	RES, CHIP 47K (1608)
R511	1-216-809-91	s	RES, CHIP 100 (1608)
R512	1-216-833-91	s	RES, CHIP 10K (1608)
R513	1-218-883-91	s	RES, CHIP 33K (1608)
R514	1-218-875-91	s	RES, CHIP 15K (1608)
R515	1-218-867-91	s	RES, CHIP 6.8K (1608)
R516	1-216-833-91	s	RES, CHIP 10K (1608)
R517	1-216-845-91	s	RES, CHIP 100K (1608)
R518	1-219-753-91	s	RESISTOR(SURGE RESISTANT) 220K
R519	1-219-748-91	s	RESISTOR(SURGE RESISTANT) 4.7K
R520	1-216-845-91	s	RES, CHIP 100K (1608)
R521	1-216-809-91	s	RES, CHIP 100 (1608)
R531	1-216-821-91	s	RES, CHIP 1.0K (1608)
R532	1-216-817-91	s	RES, CHIP 470 (1608)
R533	1-216-809-91	s	RES, CHIP 100 (1608)
R534	1-216-821-91	s	RES, CHIP 1.0K (1608)
R535	1-216-817-91	s	RES, CHIP 470 (1608)
R536	1-216-809-91	s	RES, CHIP 100 (1608)
R551	1-216-809-91	s	RES, CHIP 100 (1608)

(PC BOARD (BVM-A24))

Ref. No. or Q'ty	Part No.	SP	Description
R552	1-216-845-91	s	RES, CHIP 100K (1608)
R553	1-216-809-91	s	RES, CHIP 100 (1608)
R601	1-215-902-71	s	RES, METAL OXIDE FILM 47K
R603	1-218-912-91	s	RES, CHIP 510K (1608)
R604	⚠ 1-218-912-91	s	RES, CHIP 510K (1608)
R605	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R606	⚠ 1-218-890-91	s	RES, CHIP 62K (1608)
R607	⚠ 1-218-858-91	s	RES, CHIP 3.0K (1608)
R608	1-216-837-91	s	RES, CHIP 22K (1608)
R651	1-215-902-71	s	RES, METAL OXIDE FILM 47K
R652	1-218-888-91	s	RES, CHIP 51K (1608)
R653	1-218-887-91	s	RES, CHIP 47K (1608)
R654	1-218-879-91	s	RES, CHIP 22K (1608)
R655	1-218-890-91	s	RES, CHIP 62K (1608)
R656	1-218-879-91	s	RES, CHIP 22K (1608)
R657	1-216-837-91	s	RES, CHIP 22K (1608)
R658	1-216-823-91	s	RES, CHIP 1.5K (1608)
R691	1-249-392-91	s	RES, CARBON (SMALL) 8.2
R701	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R702	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R703	1-215-435-91	s	RES,METAL FILM(SMALL TYPE)3.9K
R704	1-215-444-91	s	RES,METAL FILM(SMALL TYPE)9.1K
R705	1-215-437-91	s	RES,METAL FILM(SMALL TYPE)4.7K
R706	1-215-427-91	s	RES,METAL FILM(SMALL TYPE)1.8K
R707	1-249-404-91	s	RES, CARBON (SMALL) 82
R708	1-215-493-91	s	RES,METAL FILM(SMALL TYPE)1.0M
R709	1-219-746-91	s	RESISTOR (SURGE RESISTANT) 1K
R710	1-219-746-91	s	RESISTOR (SURGE RESISTANT) 1K
R782	1-218-897-91	s	RES, CHIP 120K (1608)
RV501	☒ 1-228-991-11	s	RES, ADJ, METAL GLAZE 2.2K
RV601	☒ 1-228-994-11	s	RES, ADJ, METAL GLAZE 10K
SG001	1-519-422-21	s	GAP, SPARK
SG002	1-519-422-21	s	GAP, SPARK
T701	⚠ 1-453-474-11	s	FBT ASSY, R/P (WITH ANODE CAP)

TA BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-232-A	s	MOUNTED CIRCUIT BOARD, TA
CN101	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN102	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN103	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN104	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN105	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN108	1-564-506-51	o	PLUG, CONNECTOR 3P
CN109	1-564-505-11	s	PLUG, CONNECTOR 2P
CN110	1-564-704-11	s	PIN, CONNECTOR (SMALL TYPE) 2P
CN112	1-566-549-11	s	CONNECTOR 34P
CN114	1-564-508-81	o	PLUG, CONNECTOR 5P

TB BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-233-A	s	MOUNTED CIRCUIT BOARD, TB
CN201	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN202	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN205	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN206	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN207	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN208	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN209	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN210	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN211	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN212	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN213	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P

TA BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-180-A	s	MOUNTED CIRCUIT BOARD, TA
CN101	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN102	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN103	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN104	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN105	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN109	1-564-505-11	s	PLUG, CONNECTOR 2P
CN110	1-564-704-11	s	PIN, CONNECTOR (SMALL TYPE) 2P
CN111	1-564-506-51	o	PLUG, CONNECTOR 3P
CN112	1-566-549-11	s	CONNECTOR 34P
CN114	1-564-508-81	o	PLUG, CONNECTOR 5P

TB BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-181-A	s	MOUNTED CIRCUIT BOARD, TB
CN201	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN202	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN205	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN206	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN207	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN208	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN209	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN210	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN211	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN212	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P
CN213	1-817-755-11	o	CONNECTOR, BOARD TO BOARD 100P

YA BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-224-A	s	MOUNTED CIRCUIT BOARD, YA
CN1201	1-564-517-11	o	PLUG, CONNECTOR 2P
D1201	8-719-061-96	s	DIODE SLR-325DCT31
D1202	8-719-061-96	s	DIODE SLR-325DCT31
D1203	8-719-061-96	s	DIODE SLR-325DCT31
D1204	8-719-061-96	s	DIODE SLR-325DCT31
D1205	8-719-061-96	s	DIODE SLR-325DCT31
R1201	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1202	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1203	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1204	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1205	1-247-835-91	s	RES, CARBON (SMALL) 1.5K

YA BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-157-A	s	MOUNTED CIRCUIT BOARD, YA
CN1201	1-564-517-11	o	PLUG, CONNECTOR 2P
D1201	8-719-061-96	s	DIODE SLR-325DCT31
D1202	8-719-061-96	s	DIODE SLR-325DCT31
D1203	8-719-061-96	s	DIODE SLR-325DCT31
D1204	8-719-061-96	s	DIODE SLR-325DCT31
D1205	8-719-061-96	s	DIODE SLR-325DCT31
D1206	8-719-061-96	s	DIODE SLR-325DCT31
D1207	8-719-061-96	s	DIODE SLR-325DCT31
D1208	8-719-061-96	s	DIODE SLR-325DCT31
D1209	8-719-061-96	s	DIODE SLR-325DCT31
R1201	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1202	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1203	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1204	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1205	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1206	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1207	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1208	1-247-835-91	s	RES, CARBON (SMALL) 1.5K
R1209	1-247-835-91	s	RES, CARBON (SMALL) 1.5K

YB BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-225-A	s	MOUNTED CIRCUIT BOARD, YB
CN1301	1-566-759-11	o	PIN, CONNECTOR (PC BOARD) 4P
D1301	8-719-060-27	s	DIODE SLR-325MCT31
D1302	8-719-053-43	s	DIODE SLR-325VCT31
D1303	8-719-061-96	s	DIODE SLR-325DCT31

YB BOARD (BVM-A24)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-158-A	s	MOUNTED CIRCUIT BOARD, YB
CN1301	1-564-519-11	o	PLUG, CONNECTOR 4P
D1301	8-719-060-27	s	DIODE SLR-325MCT31
D1302	8-719-053-43	s	DIODE SLR-325VCT31
D1303	8-719-061-96	s	DIODE SLR-325DCT31

YC BOARD (BVM-A20)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-226-A	s	MOUNTED CIRCUIT BOARD, YC
CN1401	1-564-724-11	o	PIN, CONNECTOR (SMALL TYPE) 8P
CN1402	1-774-533-11	s	SOCKET, SMALL TYPE DIN (8P)

YC BOARD (BVM-A24)

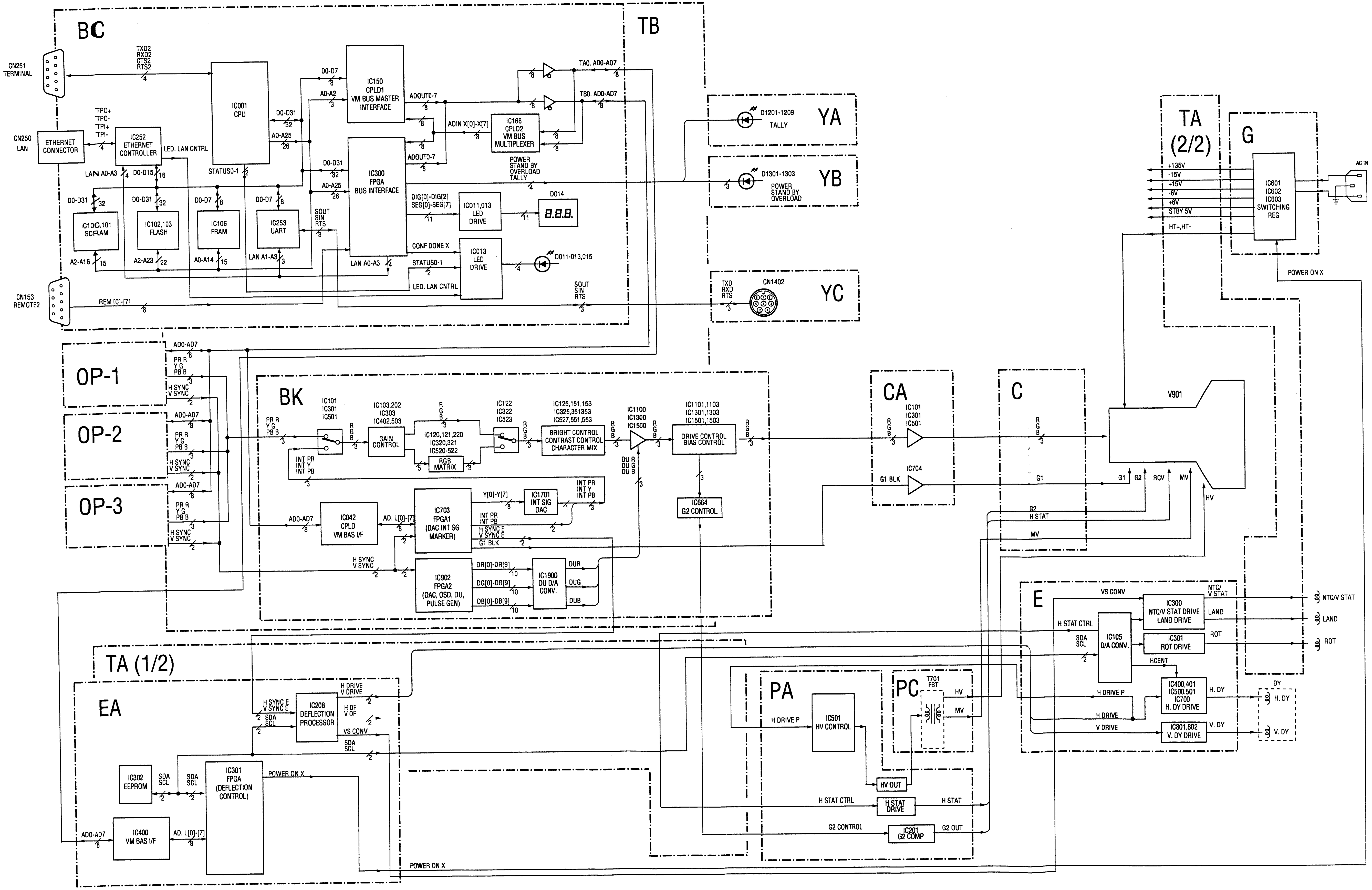
Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1091-159-A	s	MOUNTED CIRCUIT BOARD, YC
CN1401	1-564-724-11	o	PIN, CONNECTOR (SMALL TYPE) 8P
CN1402	1-565-786-11	s	SOCKET, DIN (SMALL TYPE) 8P

SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP	Description
1pc	2-666-112-02	s	OPERATION MANUAL (JAPANESE, ENGLISH)
1pc	2-990-242-01	s	HOLDER (B), PLUG
1pc	4-051-484-01	s	LABEL, TALLY
1pc	1-534-827-14	s	CORD, POWER 125V, 10A (U/C)
1pc	1-783-481-42	s	CORD, POWER 250V, 10A (CHINA)

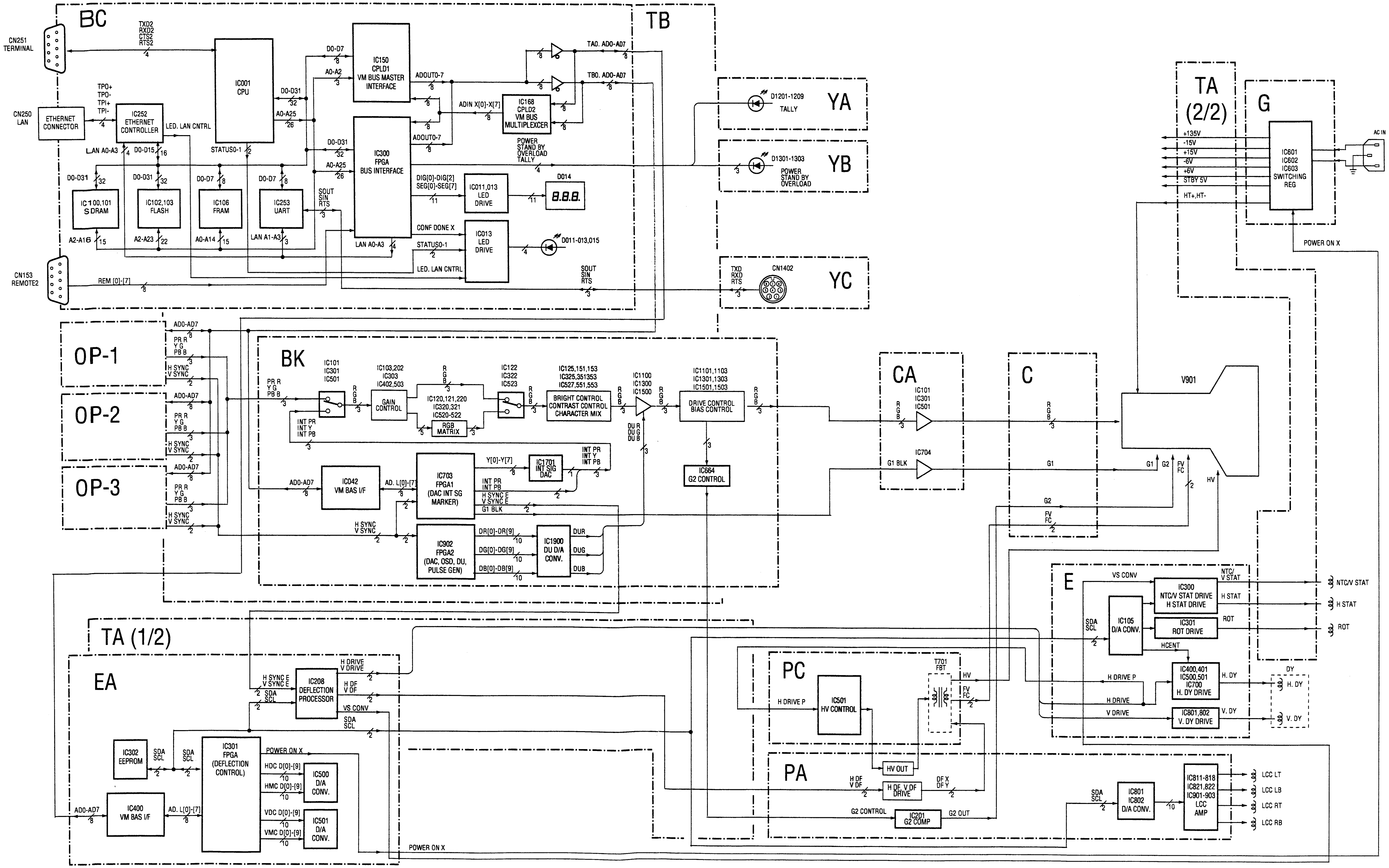
Overall (BVM-A20)

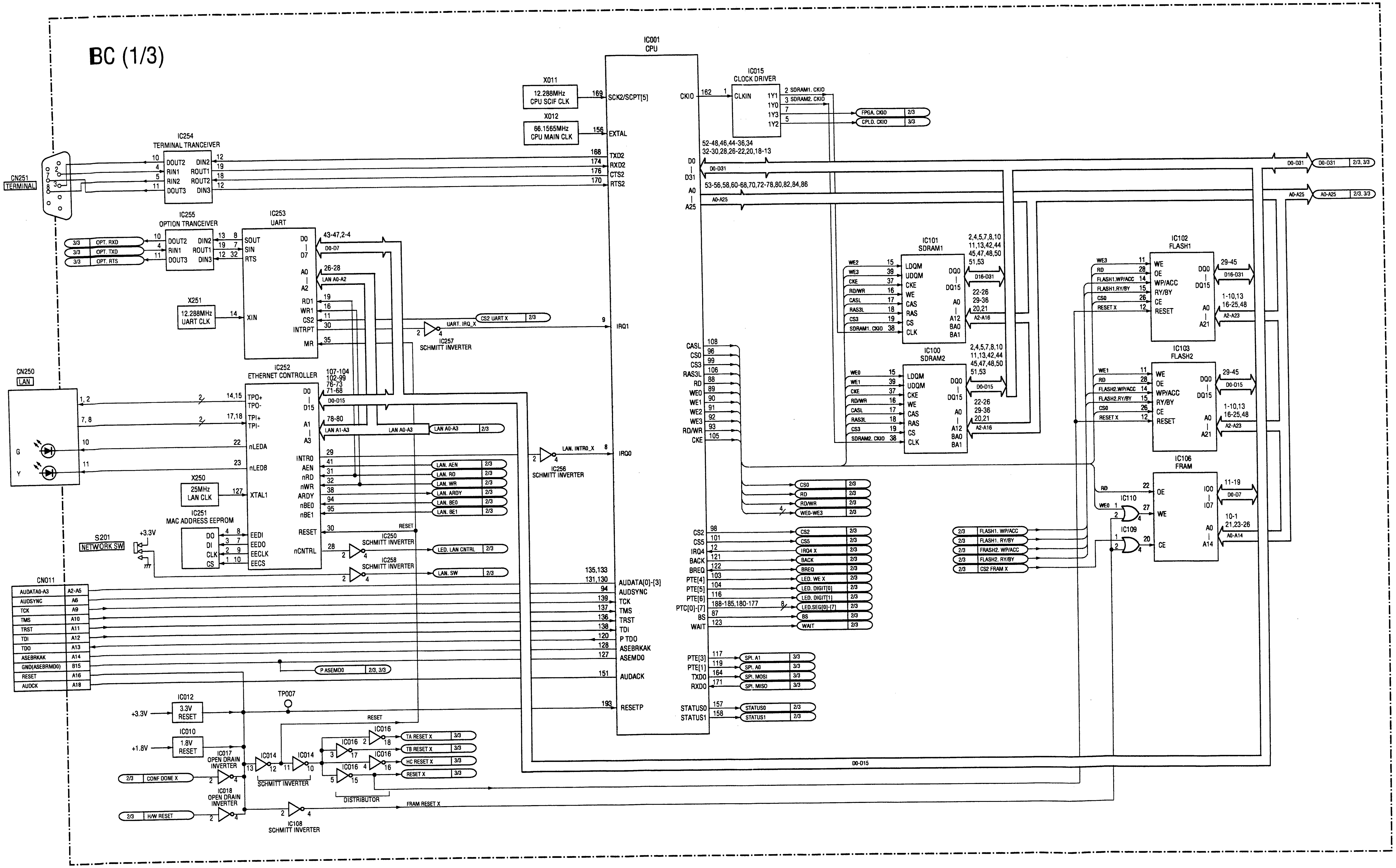
Section 7
Block Diagrams

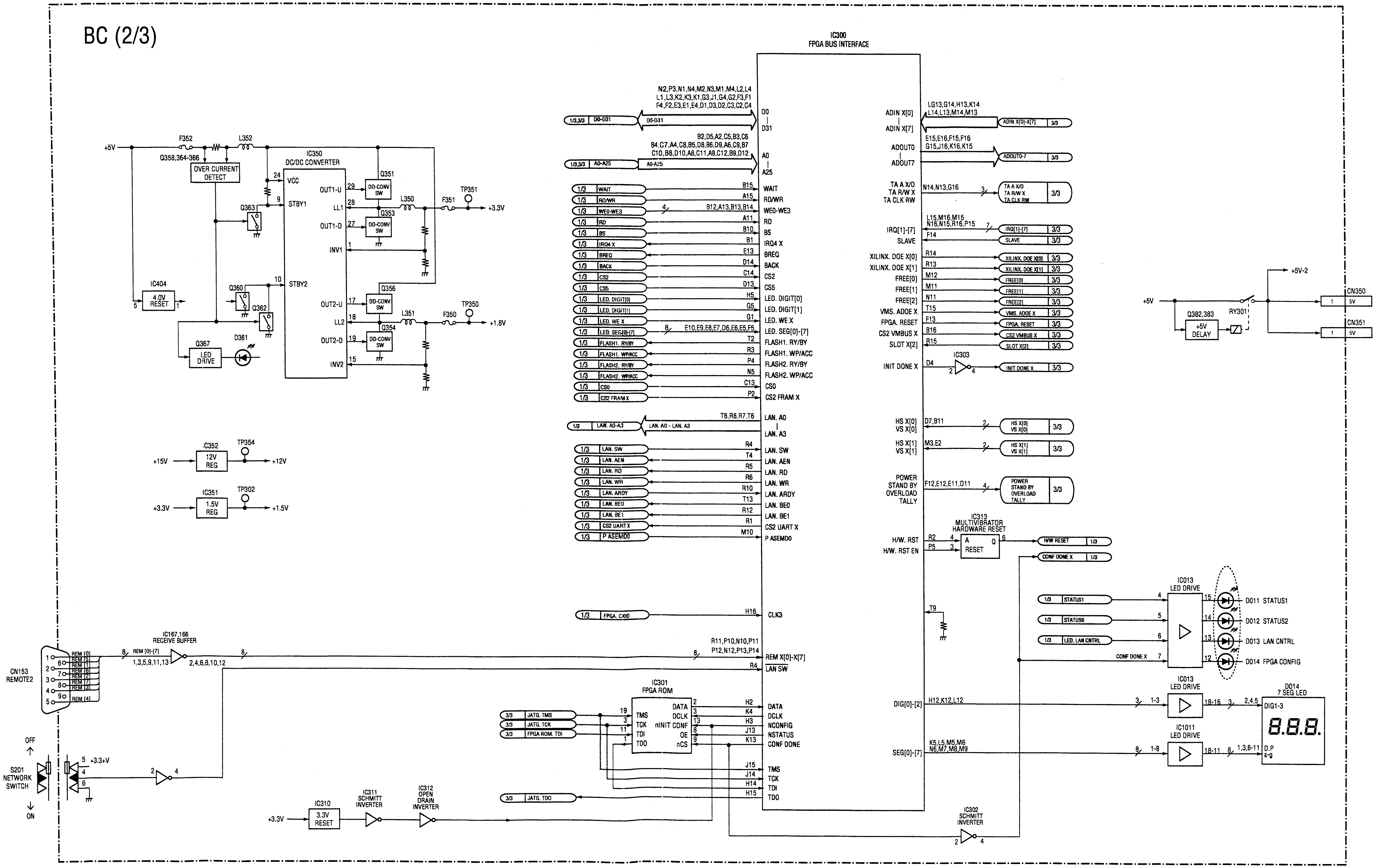

BC
TB
CN251 TERMINAL
TXD2 RXD2 CTS2 RTS2
CN250 LAN
ETHERNET CONNECTOR
TPO+ TPO- TPI+ TPI-
IC252 ETHERNET CONTROLLER
LED. LAN CNTRL
IC001 CPU
D0-D31
A0-A25
STATUS0-1
IC150 CPLD1 VM BUS MASTER INTERFACE
D0-D7
A0-A2
ADOUT0-7
IC300 FPGA BUS INTERFACE
IC168 CPLD2 VM BUS MULTIPLEXER
ADIN X[0]-X[7]
TA0. AD0-AD7
TB0. AD0-AD7
POWER STAND BY OVERLOAD TALLY
DIG[0]-DIG[2] SEG[0]-SEG[7]
IC011,013 LED DRIVE
D014
CONF DONE X
STATUS0-1
IC013 LED DRIVE
D011-013,015
LED. LAN CNTRL
LAN A0-A3
D0-D15
IC100,101 SDRAM
IC102,103 FLASH
IC106 FRAM
IC253 UART
SOUT SIN RTS
A2-A16
A2-A23
A0-A14
LAN A1-A3
CN153 REMOTE2
REM [0]-[7]
YA
D1201-1209
TALLY
YB
D1301-1303
POWER STAND BY OVERLOAD
YC
TXD RXD RTS
CN1402
TA (2/2)
G
+135V -15V +15V -6V +6V STBY 5V HT+,HT-
IC601 IC602 IC603 SWITCHING REG
AC IN
POWER ON X
OP-1
OP-2
OP-3
AD0-AD7
PR R Y G PB B
H SYNC V SYNC
BK
IC101 IC301 IC501
IC103,202 IC303 IC402,503
GAIN CONTROL
IC120,121,220 IC320,321 IC520-522
RGB MATRIX
IC122 IC322 IC523
IC125,151,153 IC325,351353 IC527,551,553
BRIGHT CONTROL CONTRAST CONTROL CHARACTER MIX
IC1100 IC1300 IC1500
DU R DU G DU B
IC1101,1103 IC1301,1303 IC1501,1503
DRIVE CONTROL BIAS CONTROL
IC664 G2 CONTROL
INT PR INT Y INT PB
IC042 CPLD VM BAS I/F
AD. L[0]-[7]
IC703 FPGA1 (DAC INT SG MARKER)
Y[0]-Y[7]
IC1701 INT SIG DAC
H SYNC E V SYNC E
G1 BLK
IC902 FPGA2 (DAC, OSD, DU, PULSE GEN)
DR[0]-DR[9] DG[0]-DG[9] DB[0]-DB[9]
IC1900 DU D/A CONV.
DUR DUG DUB
CA
IC101 IC301 IC501
IC704
G1 BLK
C
G1
G2 H STAT
MV
V901
G1 G2 RCV MV HV
E
VS CONV
NTC/V STAT
IC300 NTC/V STAT DRIVE LAND DRIVE
LAND
H STAT CTRL
SDA SCL
IC105 D/A CONV.
IC301 ROT DRIVE
ROT
HCENT
H DRIVE P
IC400,401 IC500,501 IC700 H. DY DRIVE
H. DY
H DRIVE
V DRIVE
IC801,802 V. DY DRIVE
V. DY
DY
NTC/V STAT
LAND
ROT
TA (1/2)
EA
H DRIVE V DRIVE
H SYNC E V SYNC E
SDA SCL
IC208 DEFLECTION PROCESSOR
H DF V DF
VS CONV
IC302 EEPROM
IC301 FPGA (DEFLECTION CONTROL)
POWER ON X
IC400 VM BAS I/F
AD0-AD7
AD. L[0]-[7]
PA
H DRIVE P
IC501 HV CONTROL
PC
T701 FBT
HV
MV
HV OUT
H STAT CTRL
H STAT DRIVE
H STAT
G2 CONTROL
IC201 G2 COMP
G2 OUT

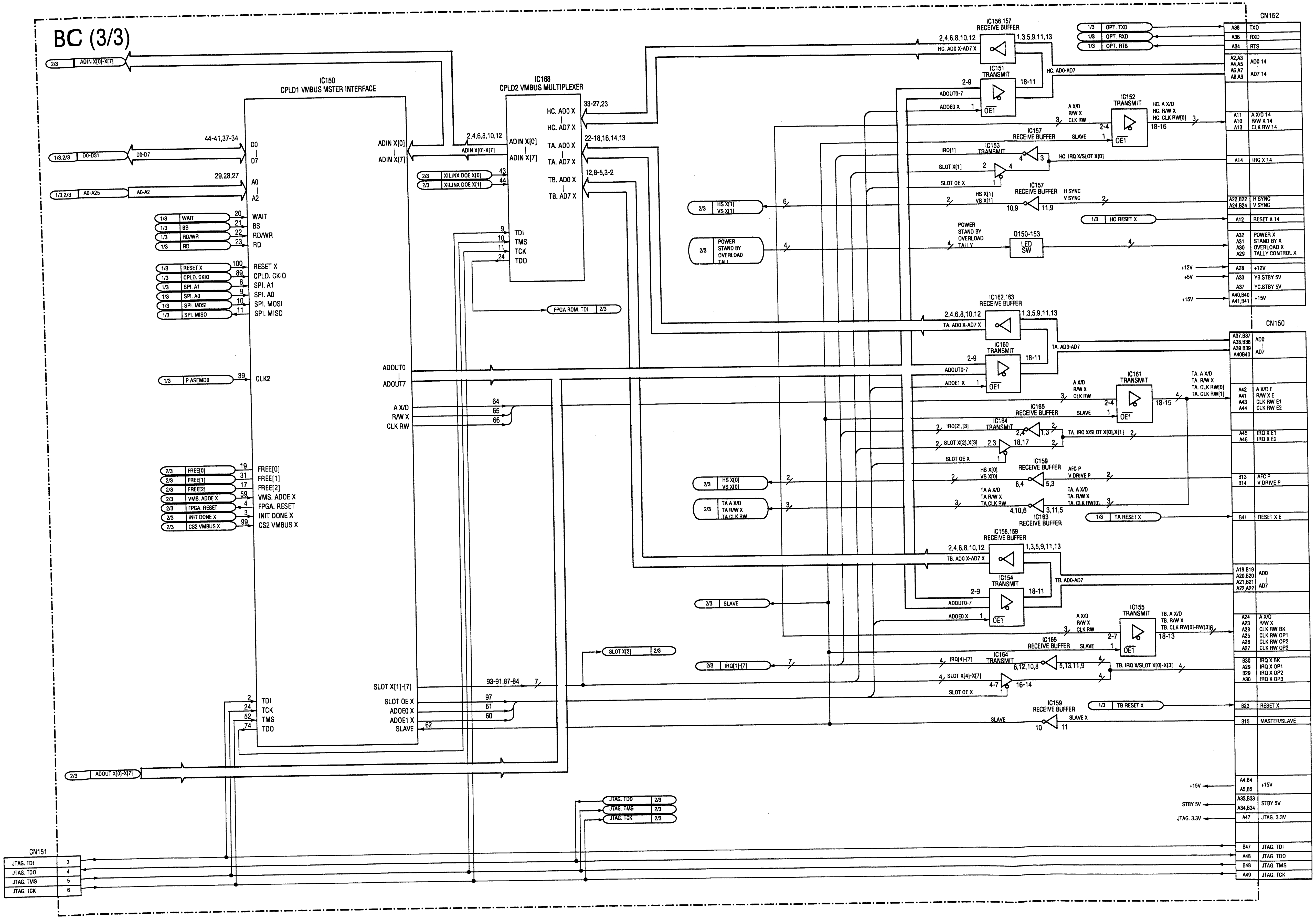
7-1

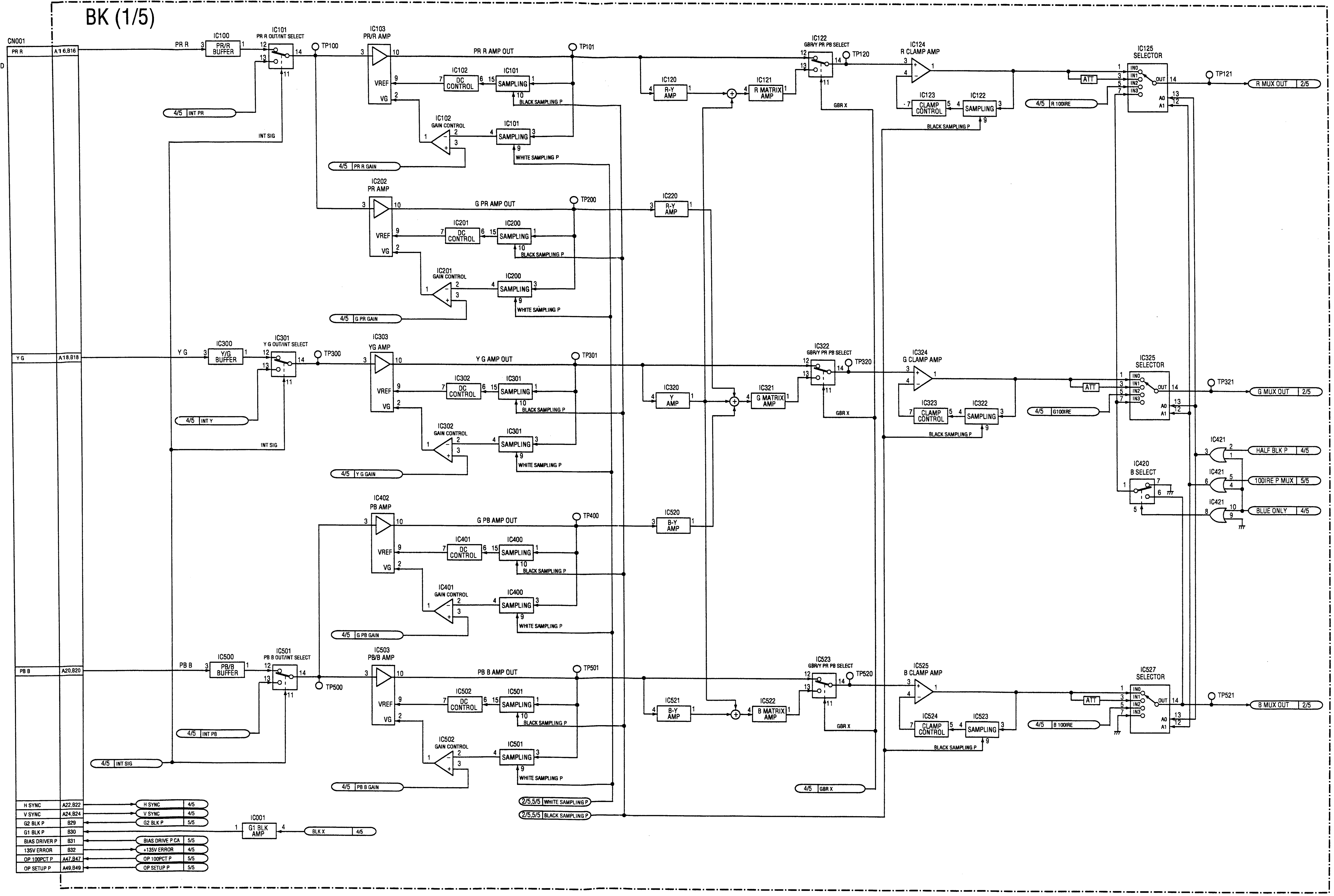
Overall (BVM-A24)

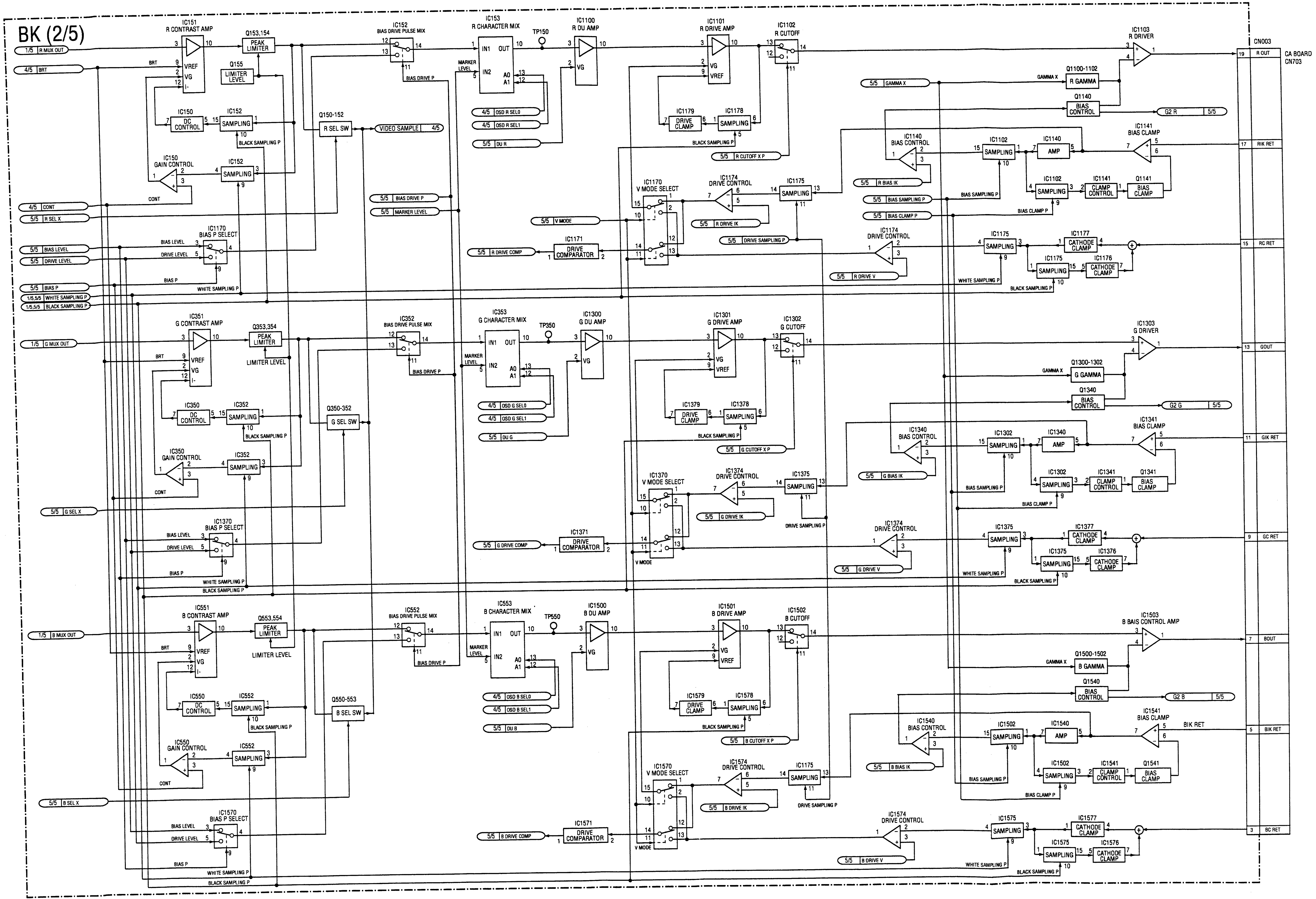

BC
TB
CN251 TERMINAL
TXD2 RXD2 CTS2 RTS2
IC001 CPU
IC150 CPLD1 VM BUS MASTER INTERFACE
IC300 FPGA BUS INTERFACE
IC168 CPLD2 VM BUS MULTIPLEXER
TA0. AD0-AD7
TB0. AD0-AD7
ADOUT0-7
ADIN X[0]-X[7]
D0-D7
A0-A2
D0-D31
A0-A25
CN250 LAN
ETHERNET CONNECTOR
TPO+ TPO- TPI+ TPI-
IC252 ETHERNET CONTROLLER
LED. LAN CNTRL
STATUS0-1
LAN A0-A3
D0-D15
IC100,101 SDRAM
IC102,103 FLASH
IC106 FRAM
IC253 UART
A2-A16
A2-A23
A0-A14
LAN A1-A3
SOUT SIN RTS
POWER STAND BY OVERLOAD TALLY
DIG[0]-DIG[2] SEG[0]-SEG[7]
IC011,013 LED DRIVE
D014
CONF DONE X
IC013 LED DRIVE
D011-013,015
CN153 REMOTE2
REM [0]-[7]
YA
D1201-1209 TALLY
YB
D1301-1303 POWER STAND BY OVERLOAD
YC
CN1402
TXD RXD RTS
TA (2/2)
+135V -15V +15V -6V +6V STBY 5V HT+,HT-
G
IC601 IC602 IC603 SWITCHING REG
AC IN
POWER ON X
OP-1
OP-2
OP-3
AD0-AD7
PR R Y G PB B
H SYNC V SYNC
BK
IC101 IC301 IC501
IC103,202 IC303 IC402,503 GAIN CONTROL
IC120,121,220 IC320,321 IC520-522
RGB MATRIX
IC122 IC322 IC523
IC125,151,153 IC325,351353 IC527,551,553 BRIGHT CONTROL CONTRAST CONTROL CHARACTER MIX
IC1100 IC1300 IC1500
DU R DU G DU B
IC1101,1103 IC1301,1303 IC1501,1503 DRIVE CONTROL BIAS CONTROL
IC664 G2 CONTROL
INT PR INT Y INT PB
IC042 VM BAS I/F
AD. L[0]-[7]
IC703 FPGA1 (DAC INT SG MARKER)
Y[0]-Y[7]
IC1701 INT SIG DAC
H SYNC E V SYNC E
G1 BLK
IC902 FPGA2 (DAC, OSD, DU, PULSE GEN)
DR[0]-DR[9] DG[0]-DG[9] DB[0]-DB[9]
IC1900 DU D/A CONV.
DUR DUG DUB
CA
IC101 IC301 IC501
IC704
G1 BLK
C
V901
G1 G2 FV FC HV
E
VS CONV
IC300 NTC/V STAT DRIVE H STAT DRIVE
NTC/ V STAT
H STAT
IC105 D/A CONV.
IC301 ROT DRIVE
ROT
HCENT
IC400,401 IC500,501 IC700 H. DY DRIVE
H. DY
IC801,802 V. DY DRIVE
V. DY
H DRIVE P
H DRIVE
V DRIVE
NTC/V STAT
DY
TA (1/2)
EA
H DRIVE V DRIVE
IC208 DEFLECTION PROCESSOR
H DF V DF
SDA SCL
IC302 EEPROM
IC301 FPGA (DEFLECTION CONTROL)
POWER ON X
HDC D[0]-[9] HMC D[0]-[9]
IC500 D/A CONV.
VDC D[0]-[9] VMC D[0]-[9]
IC501 D/A CONV.
IC400 VM BAS I/F
AD. L[0]-[7]
PC
IC501 HV CONTROL
T701 FBT
HV
PA
HV OUT
H DF V DF DRIVE
DF X DF Y
G2 CONTROL
IC201 G2 COMP
G2 OUT
IC801 IC802 D/A CONV.
IC811-818 IC821,822 IC901-903 LCC AMP
LCC LT LCC LB LCC RT LCC RB

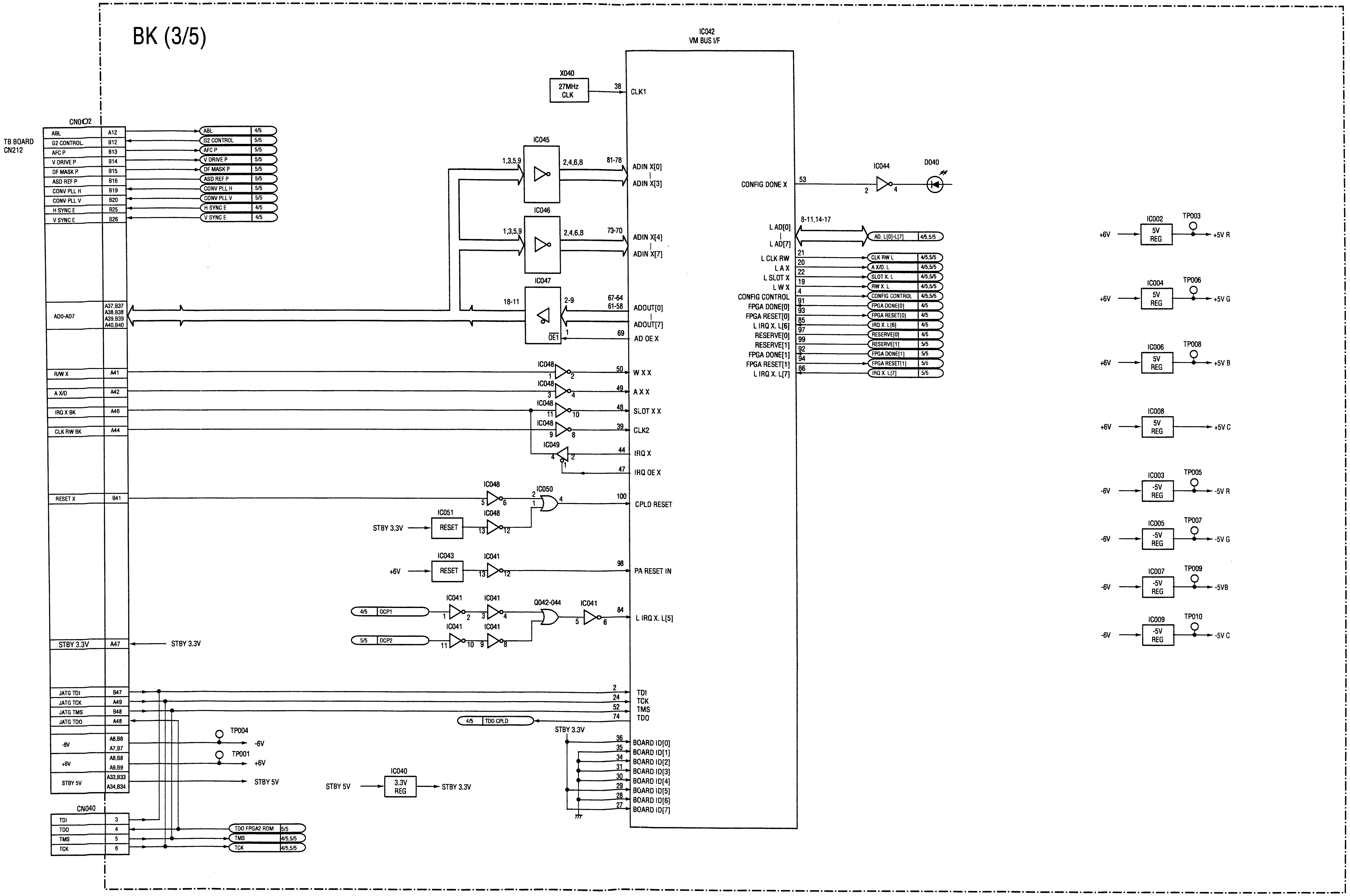

BC (1/3)
IC001 CPU
X011 12.288MHz CPU SCIF CLK
X012 66.1565MHz CPU MAIN CLK
SCK2/SCPT[5]
EXTAL
TXD2
RXD2
CTS2
RTS2
CKIO
D0-D31
A0-A25
IRQ1
IRQ0
CASL CS0 CS3 RAS3L RD WE0 WE1 WE2 WE3 RD/WR CKE
CS2 CS5 IRQ4 BACK BREQ PTE[4] PTE[5] PTE[6] PTC[0]-[7] BS WAIT
AUDATA[0]-[3] AUDSYNC TCK TMS TRST TDI P TDO ASEBRKAK ASEMD0 AUDACK RESETP
PTE[3] PTE[1] TXD0 RXD0 STATUS0 STATUS1
IC015 CLOCK DRIVER
CLKIN 1Y1 1Y0 1Y3 1Y2
SDRAM1. CKIO
SDRAM2. CKIO
FPGA. CKIO 2/3
CPLD. CKIO 3/3
D0-D31 2/3, 3/3
A0-A25 2/3, 3/3
CN251 TERMINAL
IC254 TERMINAL TRANCEIVER
DOUT2 DIN2 RIN1 ROUT1 RIN2 ROUT2 DOUT3 DIN3
IC255 OPTION TRANCEIVER
OPT. RXD 3/3
OPT. TXD 3/3
OPT. RTS 3/3
IC253 UART
SOUT SIN RTS XIN D0-D7 A0-A2 RD1 WR1 CS2 INTRPT MR
X251 12.288MHz UART CLK
IC257 SCHMITT INVERTER
UART. IRQ_X
CS2 UART X 2/3
CN250 LAN
TPO+ TPO- TPI+ TPI- nLEDA nLEDB
IC252 ETHERNET CONTROLLER
D0-D15 A1-A3 INTR0 AEN nRD nWR ARDY nBE0 nBE1 RESET nCNTRL XTAL1
X250 25MHz LAN CLK
IC251 MAC ADDRESS EEPROM
DO DI CLK CS EEDI EEDO EECLK EECS
S201 NETWORK SW
+3.3V
LAN A0-A3 2/3
LAN. AEN 2/3
LAN. RD 2/3
LAN. WR 2/3
LAN. ARDY 2/3
LAN. BE0 2/3
LAN. BE1 2/3
IC250 SCHMITT INVERTER
LED. LAN CNTRL 2/3
IC258 SCHMITT INVERTER
LAN. SW 2/3
IC256 SCHMITT INVERTER
LAN. INTR0_X
CN011
AUDATA0-A3 A2-A5
AUDSYNC A6
TCK A9
TMS A10
TRST A11
TDI A12
TDO A13
ASEBRKAK A14
GND(ASEBRMD0) B15
RESET A16
AUDCK A18
P ASEMD0 2/3, 3/3
IC012 3.3V RESET
IC010 1.8V RESET
+3.3V
+1.8V
TP007
RESET
IC017 OPEN DRAIN INVERTER
IC018 OPEN DRAIN INVERTER
CONF DONE X 2/3
H/W RESET 2/3
IC014 SCHMITT INVERTER
IC016 DISTRIBUTOR
TA RESET X 3/3
TB RESET X 3/3
HC RESET X 3/3
RESET X 3/3
IC108 SCHMITT INVERTER
FRAM RESET X
D0-D15
IC101 SDRAM1
IC100 SDRAM2
LDQM UDQM CKE WE CAS RAS CS CLK DQ0-DQ15 A0-A12 BA0 BA1
D16-D31
A2-A16
IC102 FLASH1
IC103 FLASH2
WE OE WP/ACC RY/BY CE RESET DQ0-DQ15 A0-A21
FLASH1.WP/ACC FLASH1.RY/BY FLASH2.WP/ACC FLASH2.RY/BY
A2-A23
IC106 FRAM
IC110
IC109
OE WE CE IO0-IO7 A0-A14
CS0 2/3
RD 2/3
RD/WR 2/3
WE0-WE3 2/3
CS2 2/3
CS5 2/3
IRQ4 X 2/3
BACK 2/3
BREQ 2/3
LED. WE X 2/3
LED. DIGIT[0] 2/3
LED. DIGIT[1] 2/3
LED.SEG[0]-[7] 2/3
BS 2/3
WAIT 2/3
SPI. A1 3/3
SPI. A0 3/3
SPI. MOSI 3/3
SPI. MISO 3/3
STATUS0 2/3
STATUS1 2/3
FLASH1. WP/ACC 2/3
FLASH1. RY/BY 2/3
FRASH2. WP/ACC 2/3
FLASH2. RY/BY 2/3
CS2 FRAM X 2/3


BC (2/3)
+5V
F352
L352
Q358,364-366
OVER CURRENT DETECT
IC350
DC/DC CONVERTER
VCC
STBY1
STBY2
OUT1-U
LL1
OUT1-D
INV1
OUT2-U
LL2
OUT2-D
INV2
Q351
Q353
Q354
Q356
DD-CONV SW
L350
L351
F351
F350
TP351
TP350
+3.3V
+1.8V
Q363
Q360
Q362
IC404
4.0V RESET
Q367
LED DRIVE
D361
IC352
12V REG
TP354
+15V
+12V
IC351
1.5V REG
TP302
+3.3V
+1.5V
IC300
FPGA BUS INTERFACE
N2,P3,N1,N4,M2,N3,M1,M4,L2,L4
L1,L3,K2,K3,K1,G3,J1,G4,G2,F3,F1
F4,F2,E3,E1,E4,D1,D3,D2,C3,C2,C4
1/3,3/3 D0-D31
D0-D31
B2,D5,A2,C5,B3,C6
B4,C7,A4,C8,B5,D8,B6,D9,A6,C9,B7
C10,B8,D10,A8,C11,A9,C12,B9,D12
1/3,3/3 A0-A25
A0-A25
1/3 WAIT
1/3 RD/WR
1/3 WE0-WE3
1/3 RD
1/3 BS
1/3 IRQ4 X
1/3 BREQ
1/3 BACK
1/3 CS2
1/3 CS5
1/3 LED. DIGIT[0]
1/3 LED. DIGIT[1]
1/3 LED. WE X
1/3 LED. SEG[0]-[7]
1/3 FLASH1. RY/BY
1/3 FLASH1. WP/ACC
1/3 FLASH2. RY/BY
1/3 FLASH2. WP/ACC
1/3 CS0
1/3 CS2 FRAM X
B12,A13,B13,B14
E10,E9,E8,E7,D6,E6,E5,F5
1/3 LAN. A0-A3
LAN. A0 - LAN. A3
T8,R8,R7,T6
1/3 LAN. SW
1/3 LAN. AEN
1/3 LAN. RD
1/3 LAN. WR
1/3 LAN. ARDY
1/3 LAN. BE0
1/3 LAN. BE1
1/3 CS2 UART X
1/3 P ASEMD0
1/3 FPGA. CKI0
CLK3
ADIN X[0] - ADIN X[7]
LG13,G14,H13,K14
L14,L13,M14,M13
ADIN X[0]-X[7] 3/3
ADOUT0 - ADOUT7
E15,E16,F15,F16
G15,J16,K16,K15
ADOUT0-7 3/3
TA A X/D
TA R/W X
TA CLK RW
N14,N13,G16
3/3
IRQ[1]-[7]
L15,M16,M15
N16,N15,R16,P15
SLAVE
XILINX. DOE X[0]
XILINX. DOE X[1]
FREE[0]
FREE[1]
FREE[2]
VMS. ADOE X
FPGA. RESET
CS2 VMBUS X
SLOT X[2]
IC303
INIT DONE X 3/3
HS X[0] VS X[0]
D7,B11
HS X[1] VS X[1]
M3,E2
POWER STAND BY OVERLOAD TALLY
F12,E12,E11,D11
IC313
MULTIVIBRATOR
HARDWARE RESET
H/W. RST
H/W. RST EN
H/W RESET 1/3
CONF DONE X 1/3
+5V-2
+5V
Q382,383
+5V DELAY
RY301
CN350
CN351
5V
DC OUT
CN153
REMOTE2
REM [0]-[7]
IC167,166
RECEIVE BUFFER
1,3,5,9,11,13
2,4,6,8,10,12
R11,P10,N10,P11
P12,N12,P13,P14
REM X[0]-X[7]
LAN SW
S201
NETWORK SWITCH
OFF
ON
+3.3+V
IC301
FPGA ROM
3/3 JATG. TMS
3/3 JATG. TCK
3/3 FPGA ROM. TDI
3/3 JATG. TDO
TMS
TCK
TDI
TDO
DATA
DCLK
nINIT CONF
OE
nCS
NCONFIG
NSTATUS
CONF DONE
IC310
3.3V RESET
IC311
SCHMITT INVERTER
IC312
OPEN DRAIN INVERTER
IC302
SCHMITT INVERTER
IC013
LED DRIVE
1/3 STATUS1
1/3 STATUS0
1/3 LED. LAN CNTRL
CONF DONE X
D011 STATUS1
D012 STATUS2
D013 LAN CNTRL
D014 FPGA CONFIG
DIG[0]-[2]
H12,K12,L12
SEG[0]-[7]
K5,L5,M5,M6
N6,M7,M8,M9
IC1011
LED DRIVE
D014
7 SEG LED
DIG1-3
D.P
a-g
T9

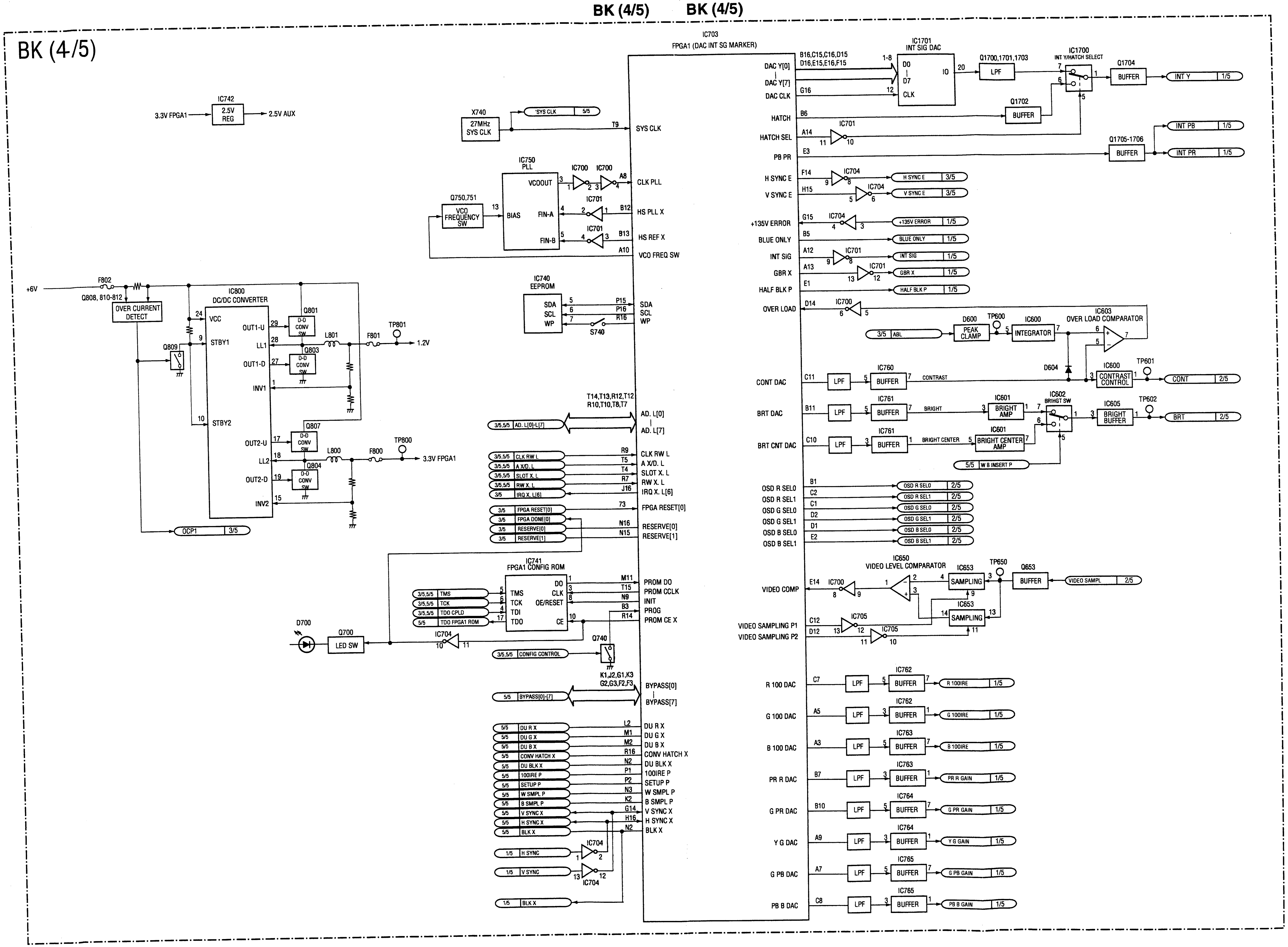

BC (3/3)
ADIN X[0]-X[7]
IC150
CPLD1 VMBUS MSTER INTERFACE
IC168
CPLD2 VMBUS MULTIPLEXER
D0-D31
D0-D7
A0-A25
A0-A2
44-41,37-34
29,28,27
D0
D7
A0
A2
WAIT
BS
RD/WR
RD
RESET X
CPLD. CKIO
SPI. A1
SPI. A0
SPI. MOSI
SPI. MISO
P ASEMD0
CLK2
FREE[0]
FREE[1]
FREE[2]
VMS. ADOE X
FPGA. RESET
INIT DONE X
CS2 VMBUS X
TDI
TCK
TMS
TDO
ADIN X[0]
ADIN X[7]
ADOUT0
ADOUT7
A X/D
R/W X
CLK RW
SLOT X[1]-[7]
SLOT OE X
ADOE0 X
ADOE1 X
SLAVE
93-91,87-84
ADOUT X[0]-X[7]
XILINX DOE X[0]
XILINX DOE X[1]
HC. AD0 X
HC. AD7 X
TA. AD0 X
TA. AD7 X
TB. AD0 X
TB. AD7 X
33-27,23
22-18,16,14,13
12,8-5,3-2
2,4,6,8,10,12
FPGA ROM. TDI
IC156,157
RECEIVE BUFFER
1,3,5,9,11,13
HC. AD0 X-AD7 X
IC151
TRANSMIT
2-9
18-11
ADOUT0-7
ADOE0 X
HC. AD0-AD7
IC152
TRANSMIT
HC. A X/D
HC. R/W X
HC. CLK RW[0]
18-16
IC157
RECEIVE BUFFER
IC153
TRANSMIT
IRQ[1]
SLOT X[1]
HC. IRQ X/SLOT X[0]
HS X[1]
VS X[1]
H SYNC
V SYNC
HC RESET X
POWER
STAND BY
OVERLOAD
TALLY
Q150-153
LED SW
OPT. TXD
OPT. RXD
OPT. RTS
IC162,163
RECEIVE BUFFER
TA. AD0 X-AD7 X
IC160
TRANSMIT
ADOE1 X
TA. AD0-AD7
IC161
TRANSMIT
TA. A X/D
TA. R/W X
TA. CLK RW[0]
TA. CLK RW[1]
18-15
IC165
RECEIVE BUFFER
IC164
TRANSMIT
IRQ[2],[3]
SLOT X[2],X[3]
TA. IRQ X/SLOT X[0],X[1]
IC159
RECEIVE BUFFER
HS X[0]
VS X[0]
AFC P
V DRIVE P
TA A X/D
TA R/W X
TA CLK RW
IC163
RECEIVE BUFFER
TA RESET X
IC158,159
RECEIVE BUFFER
TB. AD0 X-AD7 X
IC154
TRANSMIT
TB. AD0-AD7
IC155
TRANSMIT
TB. A X/D
TB. R/W X
TB. CLK RW[0]-RW[3]
18-13
IRQ[4]-[7]
SLOT X[4]-X[7]
TB. IRQ X/SLOT X[0]-X[3]
SLOT X[2]
IRQ[1]-[7]
TB RESET X
SLAVE X
JTAG. TDO
JTAG. TMS
JTAG. TCK
CN151
JTAG. TDI
CN152
TB BOARD
CN201
CN150
TB BOARD
CN202
TXD
RXD
RTS
AD0 14
AD7 14
A X/D 14
R/W X 14
CLK RW 14
IRQ X 14
H SYNC
V SYNC
RESET X 14
POWER X
STAND BY X
OVERLOAD X
TALLY CONTROL X
+12V
YB.STBY 5V
YC.STBY 5V
+15V
+5V
AD0
AD7
A X/D E
R/W X E
CLK RW E1
CLK RW E2
IRQ X E1
IRQ X E2
AFC P
V DRIVE P
RESET X E
A X/D
R/W X
CLK RW BK
CLK RW OP1
CLK RW OP2
CLK RW OP3
IRQ X BK
IRQ X OP1
IRQ X OP2
IRQ X OP3
RESET X
MASTER/SLAVE
STBY 5V
JTAG. 3.3V
JTAG. TDI
JTAG. TDO
JTAG. TMS
JTAG. TCK


BK (1/5)
CN001
TB BOARD CN211
PR R
A16,B16
Y G
A18,B18
PB B
A20,B20
H SYNC
A22,B22
V SYNC
A24,B24
G2 BLK P
B29
G1 BLK P
B30
BIAS DRIVER P
B31
135V ERROR
B32
OP 100PCT P
A47,B47
OP SETUP P
A49,B49
IC100 PR/R BUFFER
IC101 PR R OUT/INT SELECT
TP100
IC103 PR/R AMP
PR R AMP OUT
TP101
IC102 DC CONTROL
IC101 SAMPLING
BLACK SAMPLING P
IC102 GAIN CONTROL
WHITE SAMPLING P
4/5 INT PR
INT SIG
4/5 PR R GAIN
IC202 PR AMP
G PR AMP OUT
TP200
IC201 DC CONTROL
IC200 SAMPLING
IC201 GAIN CONTROL
4/5 G PR GAIN
IC300 Y/G BUFFER
IC301 Y G OUT/INT SELECT
TP300
IC303 YG AMP
Y G AMP OUT
TP301
IC302 DC CONTROL
IC301 SAMPLING
IC302 GAIN CONTROL
4/5 INT Y
4/5 Y G GAIN
IC402 PB AMP
G PB AMP OUT
TP400
IC401 DC CONTROL
IC400 SAMPLING
IC401 GAIN CONTROL
4/5 G PB GAIN
IC500 PB/B BUFFER
IC501 PB B OUT/INT SELECT
TP500
IC503 PB/B AMP
PB B AMP OUT
TP501
IC502 DC CONTROL
IC501 SAMPLING
IC502 GAIN CONTROL
4/5 INT PB
4/5 INT SIG
4/5 PB B GAIN
2/5,5/5 WHITE SAMPLING P
2/5,5/5 BLACK SAMPLING P
H SYNC 4/5
V SYNC 4/5
G2 BLK P 5/5
IC001 G1 BLK AMP
BLK X 4/5
BIAS DRIVE P CA 5/5
+135V ERROR 4/5
OP 100PCT P 5/5
OP SETUP P 5/5
IC120 R-Y AMP
IC121 R MATRIX AMP
IC220 R-Y AMP
IC320 Y AMP
IC321 G MATRIX AMP
IC520 B-Y AMP
IC521 B-Y AMP
IC522 B MATRIX AMP
IC122 GBR/Y PR PB SELECT
TP120
GBR X
IC322 GBR/Y PR PB SELECT
TP320
IC523 GBR/Y PR PB SELECT
TP520
4/5 GBR X
IC124 R CLAMP AMP
IC123 CLAMP CONTROL
IC122 SAMPLING
IC324 G CLAMP AMP
IC323 CLAMP CONTROL
IC322 SAMPLING
IC525 B CLAMP AMP
IC524 CLAMP CONTROL
IC523 SAMPLING
4/5 R 100IRE
4/5 G100IRE
4/5 B 100IRE
ATT
IC125 SELECTOR
IC325 SELECTOR
IC527 SELECTOR
IN0 IN1 IN2 IN3 OUT A0 A1
TP121
R MUX OUT 2/5
TP321
G MUX OUT 2/5
TP521
B MUX OUT 2/5
IC420 B SELECT
IC421
HALF BLK P 4/5
100IRE P MUX 5/5
BLUE ONLY 4/5
VREF
VG


BK (2/5)
1/5 R MUX OUT
4/5 BRT
IC151 R CONTRAST AMP
Q153,154 PEAK LIMITER
Q155 LIMITER LEVEL
IC152 BIAS DRIVE PULSE MIX
BIAS DRIVE P
IC153 R CHARACTER MIX
IN1 OUT IN2 A0 A1
MARKER LEVEL
TP150
IC1100 R DU AMP
IC1101 R DRIVE AMP
IC1102 R CUTOFF
IC1103 R DRIVER
CN003
CA BOARD CN703
19 R OUT
17 RIK RET
15 RC RET
13 GOUT
11 GIK RET
9 GC RET
7 BOUT
5 BIK RET
3 BC RET
IC150 DC CONTROL
IC152 SAMPLING
BLACK SAMPLING P
IC150 GAIN CONTROL
CONT
Q150-152 R SEL SW
VIDEO SAMPLE 4/5
4/5 OSD R SEL0
4/5 OSD R SEL1
5/5 DU R
IC1179 DRIVE CLAMP
IC1178 SAMPLING
5/5 R CUTOFF X P
5/5 GAMMA X
Q1100-1102 R GAMMA
Q1140 BIAS CONTROL
G2 R 5/5
IC1140 BIAS CONTROL
IC1102 SAMPLING
IC1140 AMP
IC1141 BIAS CLAMP
5/5 R BIAS IK
5/5 BIAS SAMPLING P
5/5 BIAS CLAMP P
IC1141 CLAMP CONTROL
Q1141 BIAS CLAMP
IC1170 V MODE SELECT
IC1174 DRIVE CONTROL
IC1175 SAMPLING
5/5 R DRIVE IK
5/5 DRIVE SAMPLING P
5/5 V MODE
IC1171 DRIVE COMPARATOR
5/5 R DRIVE COMP
IC1177 CATHODE CLAMP
IC1176 CATHODE CLAMP
5/5 R DRIVE V
WHITE SAMPLING P
4/5 CONT
5/5 R SEL X
IC1170 BIAS P SELECT
BIAS LEVEL
DRIVE LEVEL
5/5 BIAS LEVEL
5/5 DRIVE LEVEL
5/5 BIAS P
1/5,5/5 WHITE SAMPLING P
1/5,5/5 BLACK SAMPLING P
5/5 BIAS DRIVE P
5/5 MARKER LEVEL
IC351 G CONTRAST AMP
1/5 G MUX OUT
Q353,354 PEAK LIMITER
LIMITER LEVEL
IC352 BIAS DRIVE PULSE MIX
IC353 G CHARACTER MIX
TP350
IC1300 G DU AMP
IC1301 G DRIVE AMP
IC1302 G CUTOFF
IC1303 G DRIVER
IC350 DC CONTROL
IC352 SAMPLING
IC350 GAIN CONTROL
Q350-352 G SEL SW
4/5 OSD G SEL0
4/5 OSD G SEL1
5/5 DU G
IC1379 DRIVE CLAMP
IC1378 SAMPLING
5/5 G CUTOFF X P
Q1300-1302 G GAMMA
Q1340 BIAS CONTROL
G2 G 5/5
IC1340 BIAS CONTROL
IC1302 SAMPLING
IC1340 AMP
IC1341 BIAS CLAMP
5/5 G BIAS IK
IC1341 CLAMP CONTROL
Q1341 BIAS CLAMP
IC1370 V MODE SELECT
IC1374 DRIVE CONTROL
IC1375 SAMPLING
5/5 G DRIVE IK
IC1371 DRIVE COMPARATOR
5/5 G DRIVE COMP
IC1377 CATHODE CLAMP
IC1376 CATHODE CLAMP
5/5 G DRIVE V
5/5 G SEL X
IC1370 BIAS P SELECT
IC551 B CONTRAST AMP
1/5 B MUX OUT
Q553,554 PEAK LIMITER
IC552 BIAS DRIVE PULSE MIX
IC553 B CHARACTER MIX
TP550
IC1500 B DU AMP
IC1501 B DRIVE AMP
IC1502 B CUTOFF
IC1503 B BAIS CONTROL AMP
IC550 DC CONTROL
IC552 SAMPLING
IC550 GAIN CONTROL
Q550-553 B SEL SW
4/5 OSD B SEL0
4/5 OSD B SEL1
5/5 DU B
IC1579 DRIVE CLAMP
IC1578 SAMPLING
5/5 B CUTOFF X P
Q1500-1502 B GAMMA
Q1540 BIAS CONTROL
G2 B 5/5
IC1540 BIAS CONTROL
IC1502 SAMPLING
IC1540 AMP
IC1541 BIAS CLAMP
BIK RET
5/5 B BIAS IK
IC1541 CLAMP CONTROL
Q1541 BIAS CLAMP
IC1570 V MODE SELECT
IC1574 DRIVE CONTROL
IC1175 SAMPLING
5/5 B DRIVE IK
IC1571 DRIVE COMPARATOR
5/5 B DRIVE COMP
IC1577 CATHODE CLAMP
IC1576 CATHODE CLAMP
5/5 B DRIVE V
5/5 B SEL X
IC1570 BIAS P SELECT

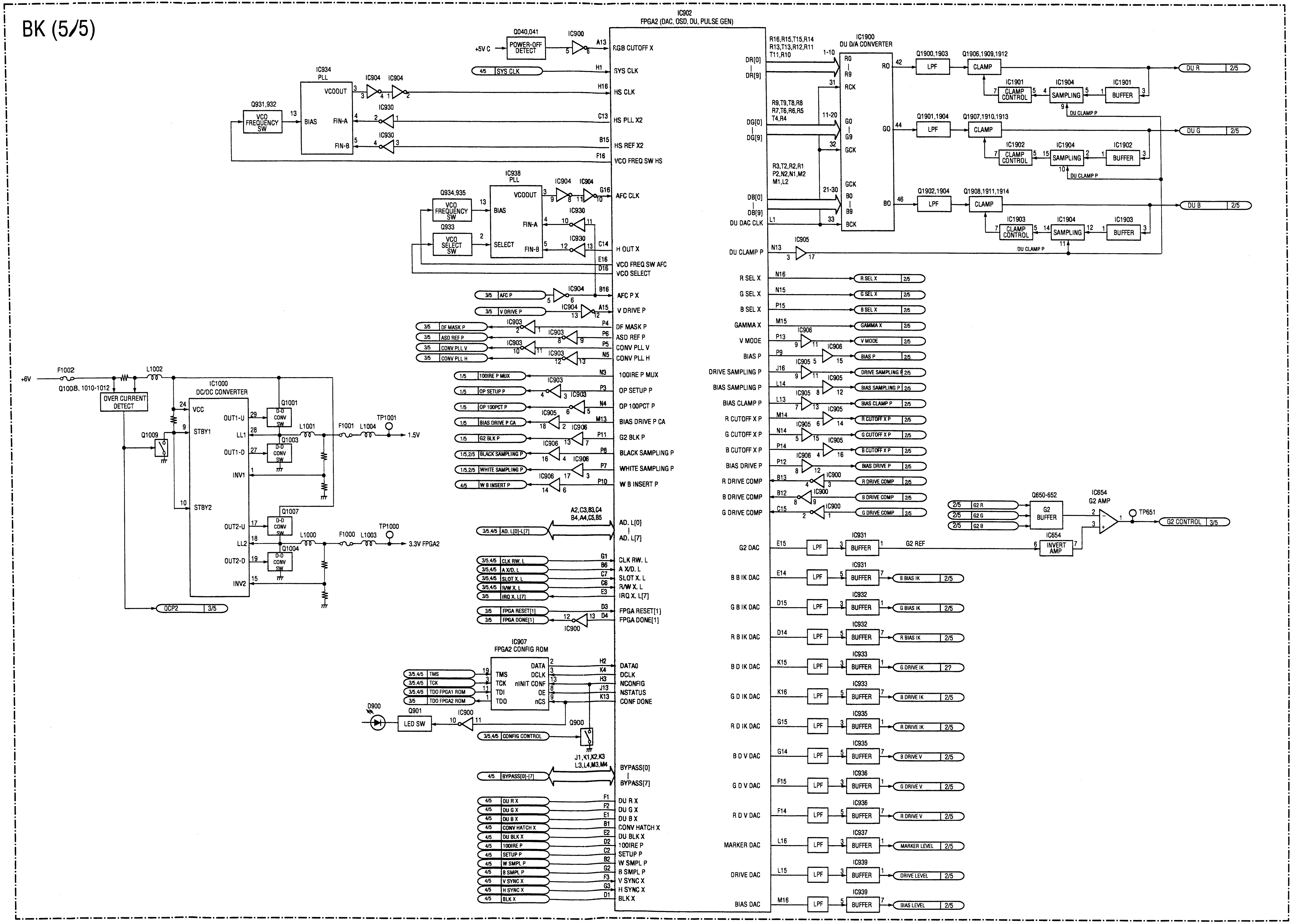

BK (3/5)
TB BOARD CN212
CN002
ABL A12
G2 CONTROL B12
AFC P B13
V DRIVE P B14
DF MASK P B15
ASD REF P B16
CONV PLL H B19
CONV PLL V B20
H SYNC E B25
V SYNC E B26
AD0-AD7
R/W X A41
A X/D A42
IRQ X BK A46
CLK RW BK A44
RESET X B41
STBY 3.3V A47
JATG TDI B47
JATG TCK A49
JATG TMS B48
JATG TDO A48
-6V
+6V
STBY 5V
CN040
TDI 3
TDO 4
TMS 5
TCK 6
TDO FPGA2 ROM 5/5
TDO CPLD 4/5
X040 27MHz CLK
IC042 VM BUS I/F
CLK1
IC045
IC046
IC047
ADIN X[0]
ADIN X[3]
ADIN X[4]
ADIN X[7]
ADOUT[0]
ADOUT[7]
AD OE X
IC048
IC049
W X X
A X X
SLOT X X
CLK2
IRQ X
IRQ OE X
IC050
IC051 RESET
CPLD RESET
IC043 RESET
IC041
PA RESET IN
OCP1
OCP2
Q042-044
L IRQ X. L[5]
TDI
TCK
TMS
TDO
BOARD ID[0]
BOARD ID[7]
IC040 3.3V REG
STBY 5V
STBY 3.3V
TP004
TP001
CONFIG DONE X
IC044
D040
L AD[0]
L AD[7]
AD. L[0]-L[7]
L CLK RW
L A X
L SLOT X
L W X
CONFIG CONTROL
FPGA DONE[0]
FPGA RESET[0]
L IRQ X. L[6]
RESERVE[0]
RESERVE[1]
FPGA DONE[1]
FPGA RESET[1]
L IRQ X. L[7]
IC002 5V REG TP003 +5V R
IC004 5V REG TP006 +5V G
IC006 5V REG TP008 +5V B
IC008 5V REG +5V C
IC003 -5V REG TP005 -5V R
IC005 -5V REG TP007 -5V G
IC007 -5V REG TP009 -5VB
IC009 -5V REG TP010 -5V C
+6V
-6V

BK (4/5)


BK (4/5)
IC742
3.3V FPGA1
2.5V REG
2.5V AUX
X740
27MHz SYS CLK
SYS CLK 5/5
IC750 PLL
VCOOUT
BIAS
FIN-A
FIN-B
Q750,751
VCO FREQUENCY SW
IC700
IC701
IC740 EEPROM
SDA
SCL
WP
S740
+6V
F802
Q808, 810-812
OVER CURRENT DETECT
IC800 DC/DC CONVERTER
VCC
STBY1
STBY2
OUT1-U
LL1
OUT1-D
INV1
OUT2-U
LL2
OUT2-D
INV2
Q801
Q803
Q807
Q804
D-D CONV SW
Q809
L801
F801
TP801
1.2V
L800
F800
TP800
3.3V FPGA1
OCP1 3/5
IC703
FPGA1 (DAC INT SG MARKER)
SYS CLK
CLK PLL
HS PLL X
HS REF X
VCO FREQ SW
T14,T13,R12,T12
R10,T10,T8,T7
AD. L[0]
AD. L[7]
3/5,5/5 AD. L[0]-L[7]
CLK RW L
A X/D. L
SLOT X. L
RW X. L
IRQ X. L[6]
FPGA RESET[0]
FPGA DONE[0]
RESERVE[0]
RESERVE[1]
IC741
FPGA1 CONFIG ROM
TMS
TCK
TDI
TDO
DO
CLK
OE/RESET
CE
TDO CPLD
TDO FPGA1 ROM
PROM DO
PROM CCLK
INIT
PROG
PROM CE X
D700
Q700
LED SW
IC704
Q740
CONFIG CONTROL
K1,J2,G1,K3
G2,G3,F2,F3
BYPASS[0]
BYPASS[7]
5/5 BYPASS[0]-[7]
DU R X
DU G X
DU B X
CONV HATCH X
DU BLK X
100IRE P
SETUP P
W SMPL P
B SMPL P
V SYNC X
H SYNC X
BLK X
1/5 H SYNC
1/5 V SYNC
1/5 BLK X
DAC Y[0]
DAC Y[7]
DAC CLK
HATCH
HATCH SEL
PB PR
H SYNC E
V SYNC E
+135V ERROR
BLUE ONLY
INT SIG
GBR X
HALF BLK P
OVER LOAD
B16,C15,C16,D15
D16,E15,E16,F15
IC1701
INT SIG DAC
D0
D7
IO
CLK
Q1700,1701,1703
LPF
IC1700
INT Y/HATCH SELECT
Q1704
BUFFER
INT Y 1/5
Q1702
INT PB 1/5
INT PR 1/5
Q1705-1706
H SYNC E 3/5
V SYNC E 3/5
+135V ERROR 1/5
BLUE ONLY 1/5
INT SIG 1/5
GBR X 1/5
HALF BLK P 1/5
IC603
OVER LOAD COMPARATOR
D600
PEAK CLAMP
TP600
IC600
INTEGRATOR
3/5 ABL
D604
CONT DAC
IC760
CONTRAST
CONTRAST CONTROL
TP601
CONT 2/5
BRT DAC
IC761
BRIGHT
IC601
BRIGHT AMP
IC602
BRIHGT SW
IC605
BRIGHT BUFFER
TP602
BRT 2/5
BRT CNT DAC
BRIGHT CENTER
BRIGHT CENTER AMP
5/5 W B INSERT P
OSD R SEL0
OSD R SEL1
OSD G SEL0
OSD G SEL1
OSD B SEL0
OSD B SEL1
2/5
VIDEO COMP
IC650
VIDEO LEVEL COMPARATOR
IC653
SAMPLING
TP650
Q653
VIDEO SAMPL 2/5
VIDEO SAMPLING P1
VIDEO SAMPLING P2
IC705
R 100 DAC
G 100 DAC
B 100 DAC
PR R DAC
G PR DAC
Y G DAC
G PB DAC
PB B DAC
IC762
IC763
IC764
IC765
R 100IRE 1/5
G 100IRE 1/5
B 100IRE 1/5
PR R GAIN 1/5
G PR GAIN 1/5
Y G GAIN 1/5
G PB GAIN 1/5
PB B GAIN 1/5

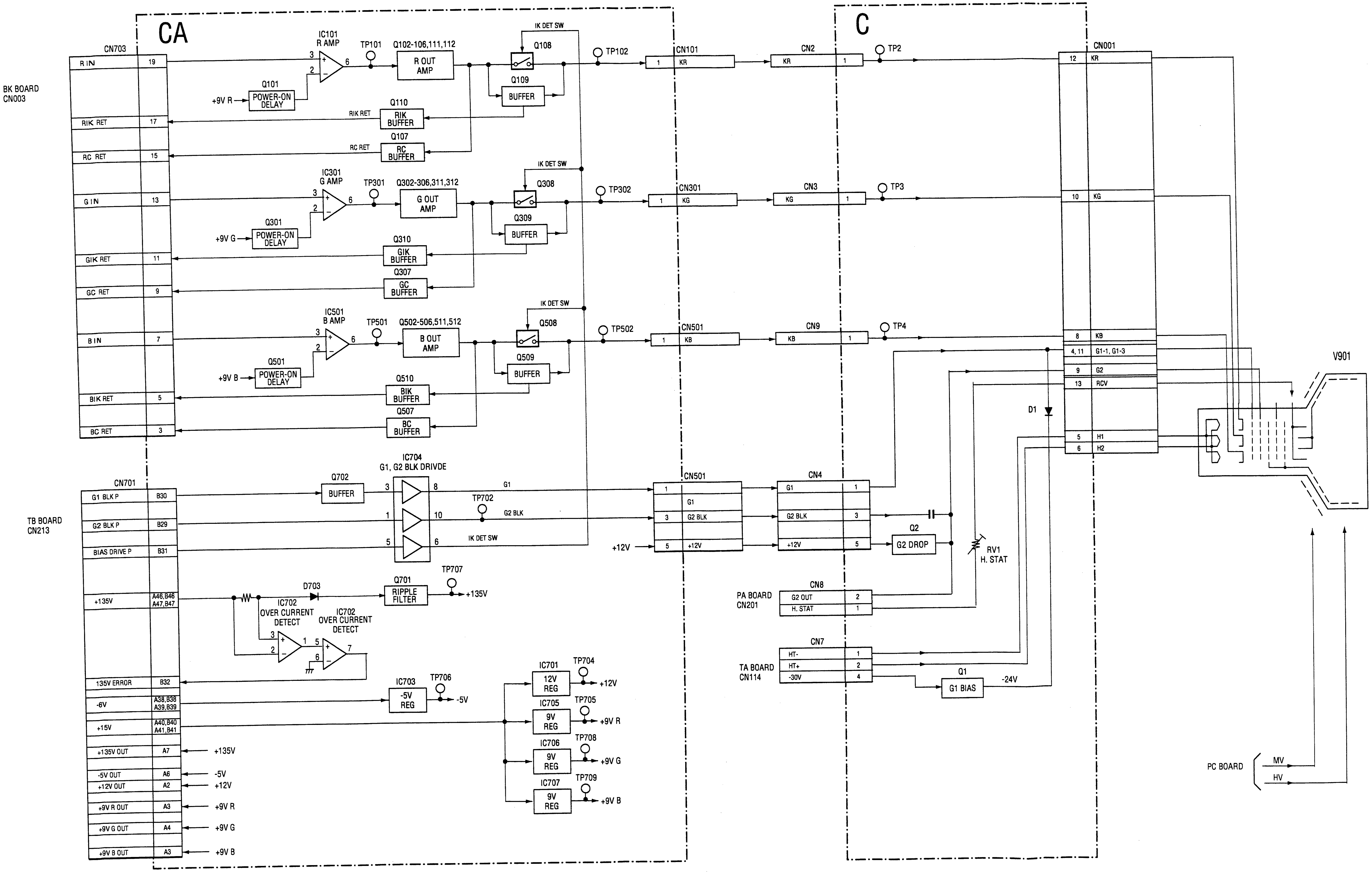
7-9

BK (5/5)

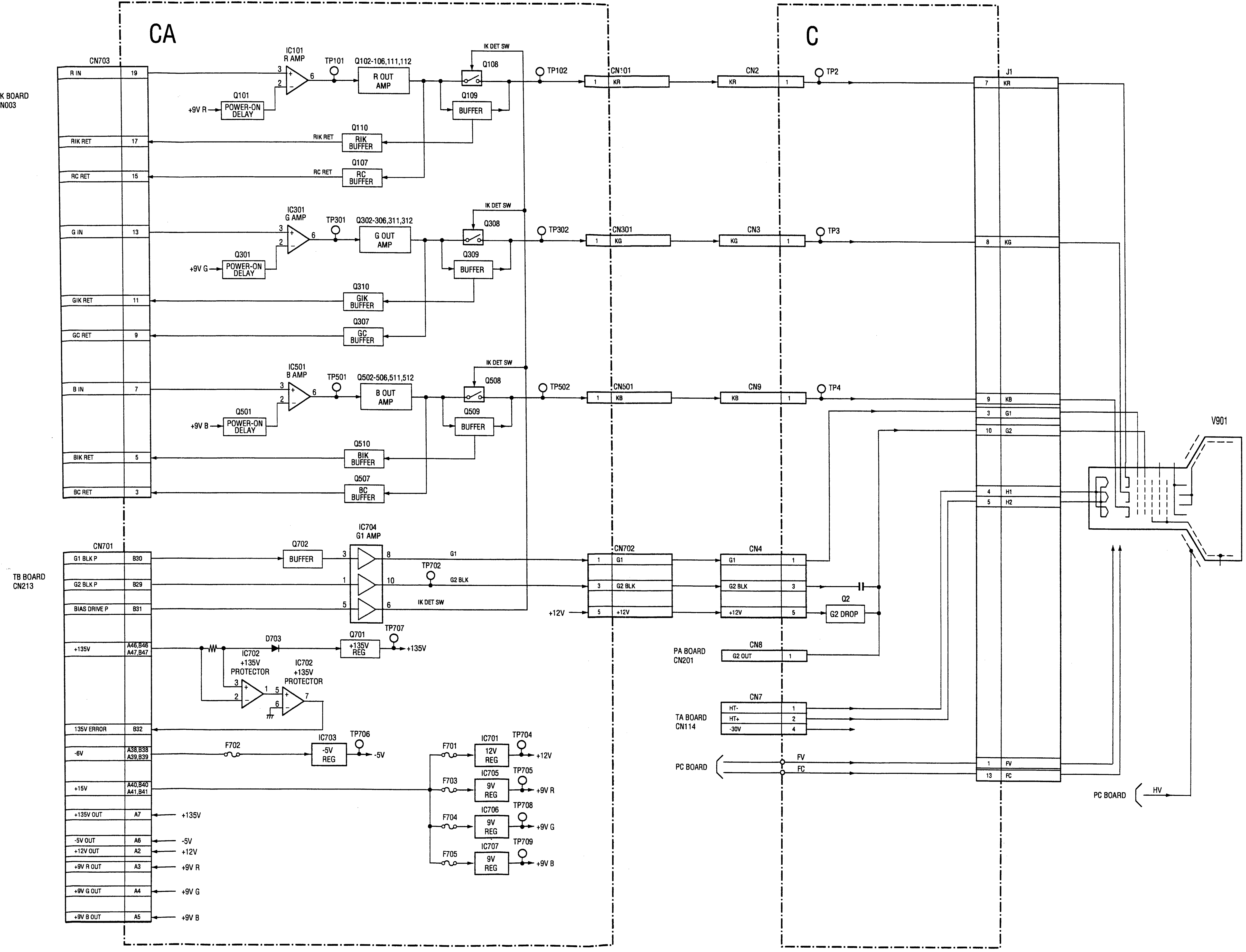

IC902
FPGA2 (DAC, OSD, DU, PULSE GEN)
Q040,041
POWER-OFF DETECT
+5V C
IC900
RGB CUTOFF X
SYS CLK
HS CLK
HS PLL X2
HS REF X2
VCO FREQ SW HS
IC934 PLL
VCOOUT
BIAS
FIN-A
FIN-B
IC904
IC930
Q931,932
VCO FREQUENCY SW
IC938 PLL
Q934,935
Q933
VCO SELECT SW
SELECT
AFC CLK
H OUT X
VCO FREQ SW AFC
VCO SELECT
AFC P X
V DRIVE P
DF MASK P
ASD REF P
CONV PLL V
CONV PLL H
IC903
100IRE P MUX
OP SETUP P
OP 100PCT P
BIAS DRIVE P CA
G2 BLK P
BLACK SAMPLING P
WHITE SAMPLING P
W B INSERT P
IC905
IC906
+6V
F1002
L1002
Q1008, 1010-1012
OVER CURRENT DETECT
IC1000
DC/DC CONVERTER
VCC
STBY1
STBY2
OUT1-U
LL1
OUT1-D
INV1
OUT2-U
LL2
OUT2-D
INV2
Q1001
Q1003
Q1007
Q1004
D-D CONV SW
L1001
F1001
L1004
TP1001
1.5V
L1000
F1000
L1003
TP1000
3.3V FPGA2
Q1009
OCP2 3/5
AD. L[0] - AD. L[7]
CLK RW. L
A X/D. L
SLOT X. L
R/W X. L
IRQ X. L[7]
FPGA RESET[1]
FPGA DONE[1]
IC907
FPGA2 CONFIG ROM
TMS
TCK
TDI
TDO
DATA
DCLK
nINIT CONF
OE
nCS
DATA0
NCONFIG
NSTATUS
CONF DONE
TDO FPGA1 ROM
TDO FPGA2 ROM
D900
Q901
LED SW
Q900
CONFIG CONTROL
BYPASS[0] - BYPASS[7]
DU R X
DU G X
DU B X
CONV HATCH X
DU BLK X
100IRE P
SETUP P
W SMPL P
B SMPL P
V SYNC X
H SYNC X
BLK X
DR[0] - DR[9]
DG[0] - DG[9]
DB[0] - DB[9]
DU DAC CLK
DU CLAMP P
IC1900
DU D/A CONVERTER
R0 - R9
RCK
G0 - G9
GCK
B0 - B9
BCK
Q1900,1903
Q1906,1909,1912
LPF
CLAMP
IC1901
CLAMP CONTROL
SAMPLING
BUFFER
DU R 2/5
Q1901,1904
Q1907,1910,1913
IC1902
DU G 2/5
Q1902,1904
Q1908,1911,1914
IC1903
DU B 2/5
R SEL X
G SEL X
B SEL X
GAMMA X
V MODE
BIAS P
DRIVE SAMPLING P
BIAS SAMPLING P
BIAS CLAMP P
R CUTOFF X P
G CUTOFF X P
B CUTOFF X P
BIAS DRIVE P
R DRIVE COMP
B DRIVE COMP
G DRIVE COMP
Q650-652
G2 BUFFER
IC654
G2 AMP
INVERT AMP
TP651
G2 CONTROL 3/5
G2 R
G2 G
G2 B
G2 DAC
G2 REF
IC931
B B IK DAC
G B IK DAC
R B IK DAC
B D IK DAC
G D IK DAC
R D IK DAC
B D V DAC
G D V DAC
R D V DAC
MARKER DAC
DRIVE DAC
BIAS DAC
IC932
IC933
IC935
IC936
IC937
IC939
B BIAS IK
G BIAS IK
R BIAS IK
G DRIVE IK
B DRIVE IK
R DRIVE IK
B DRIVE V
G DRIVE V
R DRIVE V
MARKER LEVEL
DRIVE LEVEL
BIAS LEVEL

C, CA (BVM-A20)

C, CA (BVM-A20)

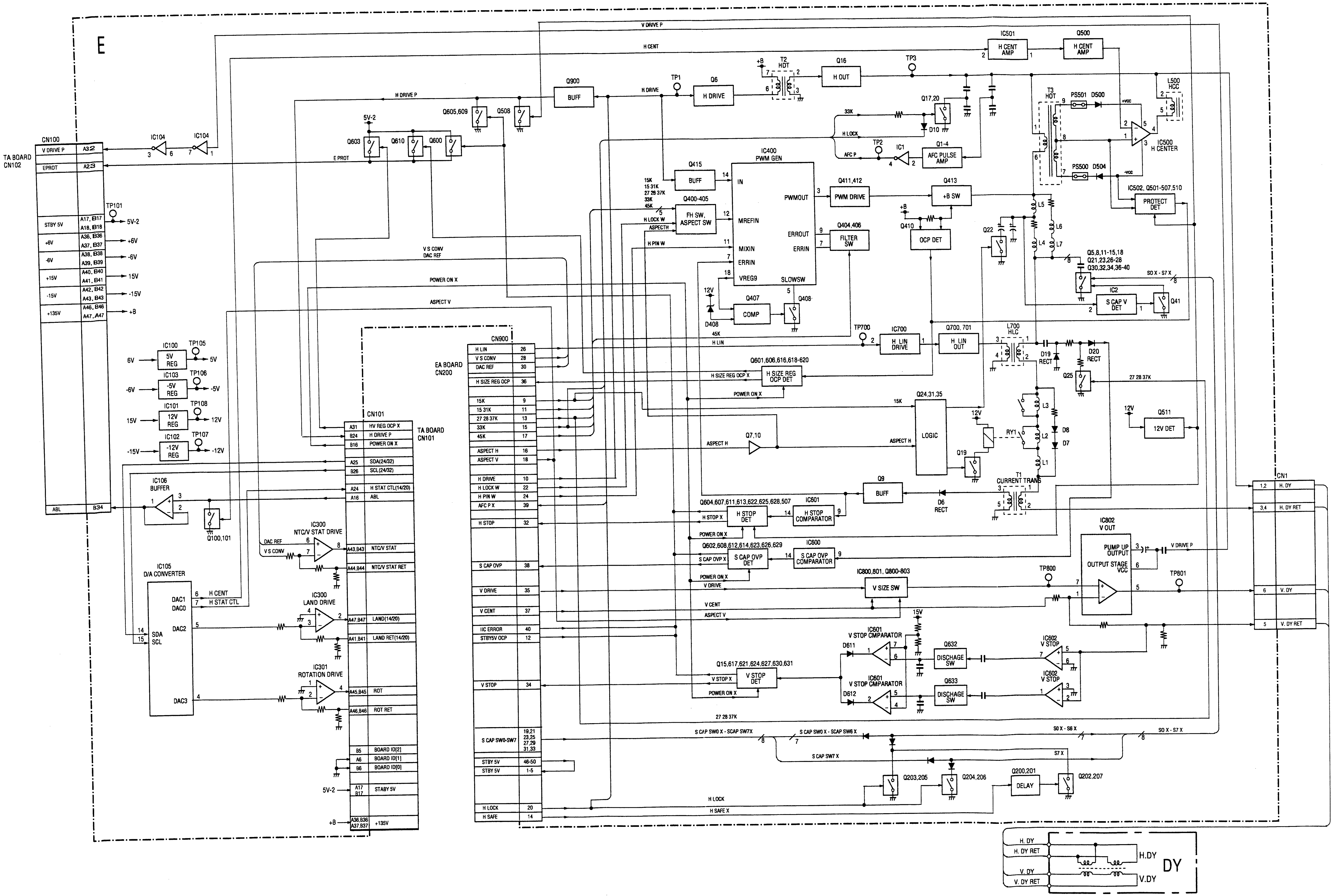

CA
C
BK BOARD CN003
CN703
R IN 19
RIK RET 17
RC RET 15
G IN 13
GIK RET 11
GC RET 9
B IN 7
BIK RET 5
BC RET 3
IC101 R AMP
TP101
Q102-106,111,112
R OUT AMP
IK DET SW
Q108
Q109 BUFFER
TP102
Q101 POWER-ON DELAY
+9V R
Q110 RIK BUFFER
RIK RET
Q107 RC BUFFER
RC RET
IC301 G AMP
TP301
Q302-306,311,312
G OUT AMP
Q308
Q309 BUFFER
TP302
Q301 POWER-ON DELAY
+9V G
Q310 GIK BUFFER
Q307 GC BUFFER
IC501 B AMP
TP501
Q502-506,511,512
B OUT AMP
Q508
Q509 BUFFER
TP502
Q501 POWER-ON DELAY
+9V B
Q510 BIK BUFFER
Q507 BC BUFFER
CN101 1 KR
CN2 KR 1
TP2
CN301 1 KG
CN3 KG 1
TP3
CN501 1 KB
CN9 KB 1
TP4
CN001
12 KR
10 KG
8 KB
4, 11 G1-1, G1-3
9 G2
13 RCV
5 H1
6 H2
D1
V901
TB BOARD CN213
CN701
G1 BLK P B30
G2 BLK P B29
BIAS DRIVE P B31
+135V A46,B46 A47,B47
135V ERROR B32
-6V A38,B38 A39,B39
+15V A40,B40 A41,B41
+135V OUT A7
-5V OUT A6
+12V OUT A2
+9V R OUT A3
+9V G OUT A4
+9V B OUT A3
Q702 BUFFER
IC704 G1, G2 BLK DRIVDE
G1
TP702
G2 BLK
IK DET SW
CN501
1 G1
3 G2 BLK
5 +12V
+12V
CN4
G1 1
G2 BLK 3
+12V 5
Q2 G2 DROP
RV1 H. STAT
D703
Q701 RIPPLE FILTER
TP707
+135V
IC702 OVER CURRENT DETECT
IC702 OVER CURRENT DETECT
IC703 -5V REG
TP706
-5V
IC701 12V REG
TP704
+12V
IC705 9V REG
TP705
+9V R
IC706 9V REG
TP708
+9V G
IC707 9V REG
TP709
+9V B
+135V
-5V
+12V
+9V R
+9V G
+9V B
PA BOARD CN201
CN8
G2 OUT 2
H. STAT 1
TA BOARD CN114
CN7
HT- 1
HT+ 2
-30V 4
Q1 G1 BIAS
-24V
PC BOARD
MV
HV

7-11

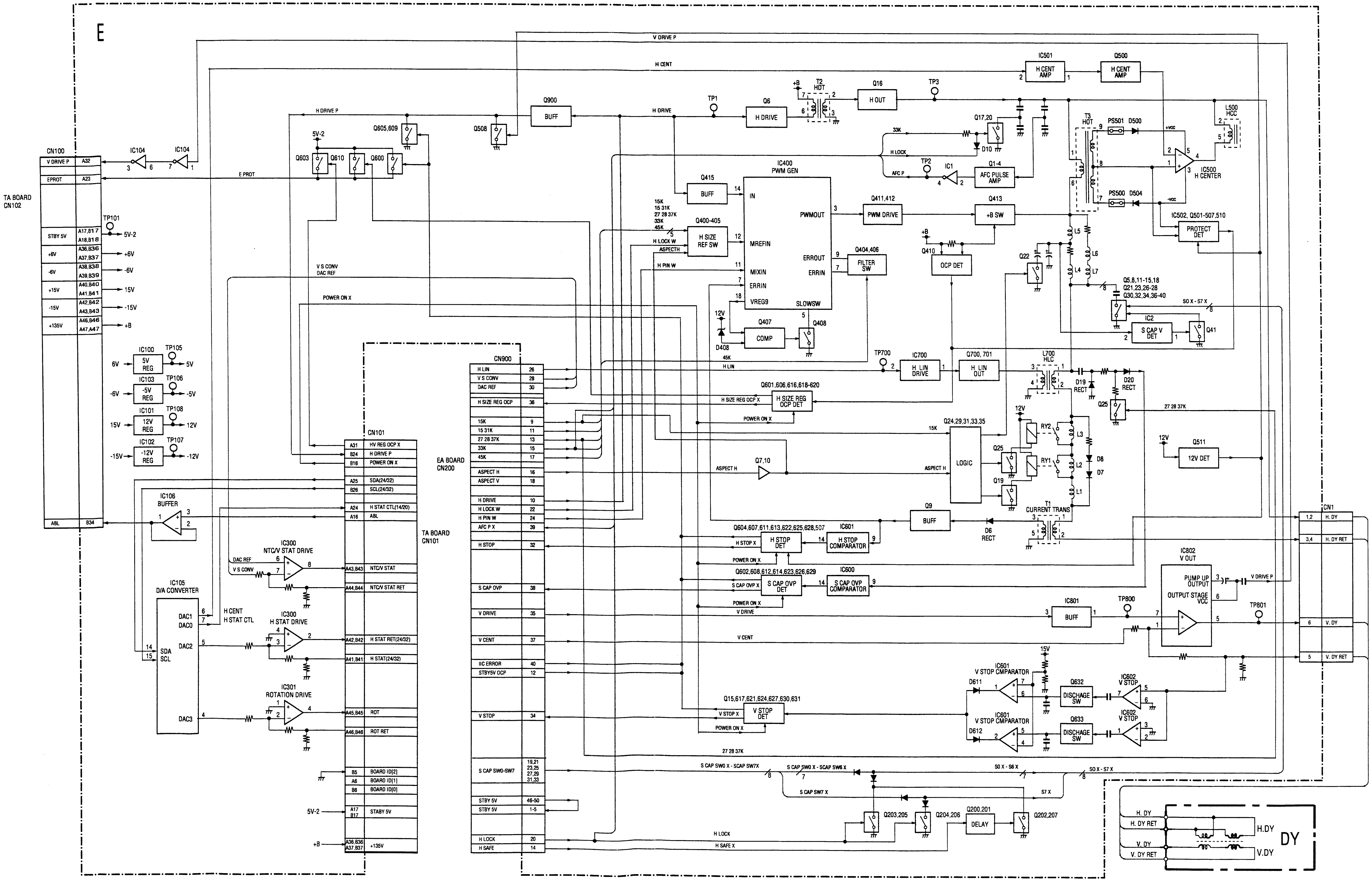

CA
C
BK BOARD CN003
CN703
R IN 19
RIK RET 17
RC RET 15
G IN 13
GIK RET 11
GC RET 9
B IN 7
BIK RET 5
BC RET 3
IC101 R AMP
IC301 G AMP
IC501 B AMP
+9V R
+9V G
+9V B
Q101 POWER-ON DELAY
Q301 POWER-ON DELAY
Q501 POWER-ON DELAY
TP101
TP301
TP501
Q102-106,111,112 R OUT AMP
Q302-306,311,312 G OUT AMP
Q502-506,511,512 B OUT AMP
IK DET SW
Q108
Q308
Q508
Q109 BUFFER
Q309 BUFFER
Q509 BUFFER
Q110 RIK BUFFER
Q107 RC BUFFER
Q310 GIK BUFFER
Q307 GC BUFFER
Q510 BIK BUFFER
Q507 BC BUFFER
RIK RET
RC RET
TP102
TP302
TP502
CN101 1 KR
CN301 1 KG
CN501 1 KB
CN2 KR 1
CN3 KG 1
CN9 KB 1
TP2
TP3
TP4
J1
7 KR
8 KG
9 KB
3 G1
10 G2
4 H1
5 H2
1 FV
13 FC
V901
TB BOARD CN213
CN701
G1 BLK P B30
G2 BLK P B29
BIAS DRIVE P B31
+135V A46,B46 A47,B47
135V ERROR B32
-6V A38,B38 A39,B39
+15V A40,B40 A41,B41
+135V OUT A7
-5V OUT A6
+12V OUT A2
+9V R OUT A3
+9V G OUT A4
+9V B OUT A5
Q702 BUFFER
IC704 G1 AMP
G1
TP702
G2 BLK
IK DET SW
D703
Q701 +135V REG
TP707
+135V
IC702 +135V PROTECTOR
IC702 +135V PROTECTOR
F702
IC703 -5V REG
TP706
-5V
F701 IC701 12V REG TP704 +12V
F703 IC705 9V REG TP705 +9V R
F704 IC706 9V REG TP708 +9V G
F705 IC707 9V REG TP709 +9V B
+135V
-5V
+12V
+9V R
+9V G
+9V B
CN702 1 G1
3 G2 BLK
5 +12V
+12V
CN4 G1 1
G2 BLK 3
+12V 5
Q2 G2 DROP
PA BOARD CN201
CN8 G2 OUT 1
TA BOARD CN114
CN7 HT- 1
HT+ 2
-30V 4
PC BOARD
FV
FC
PC BOARD
HV

E, DY (BVM-A20)

E, DY (BVM-A20)

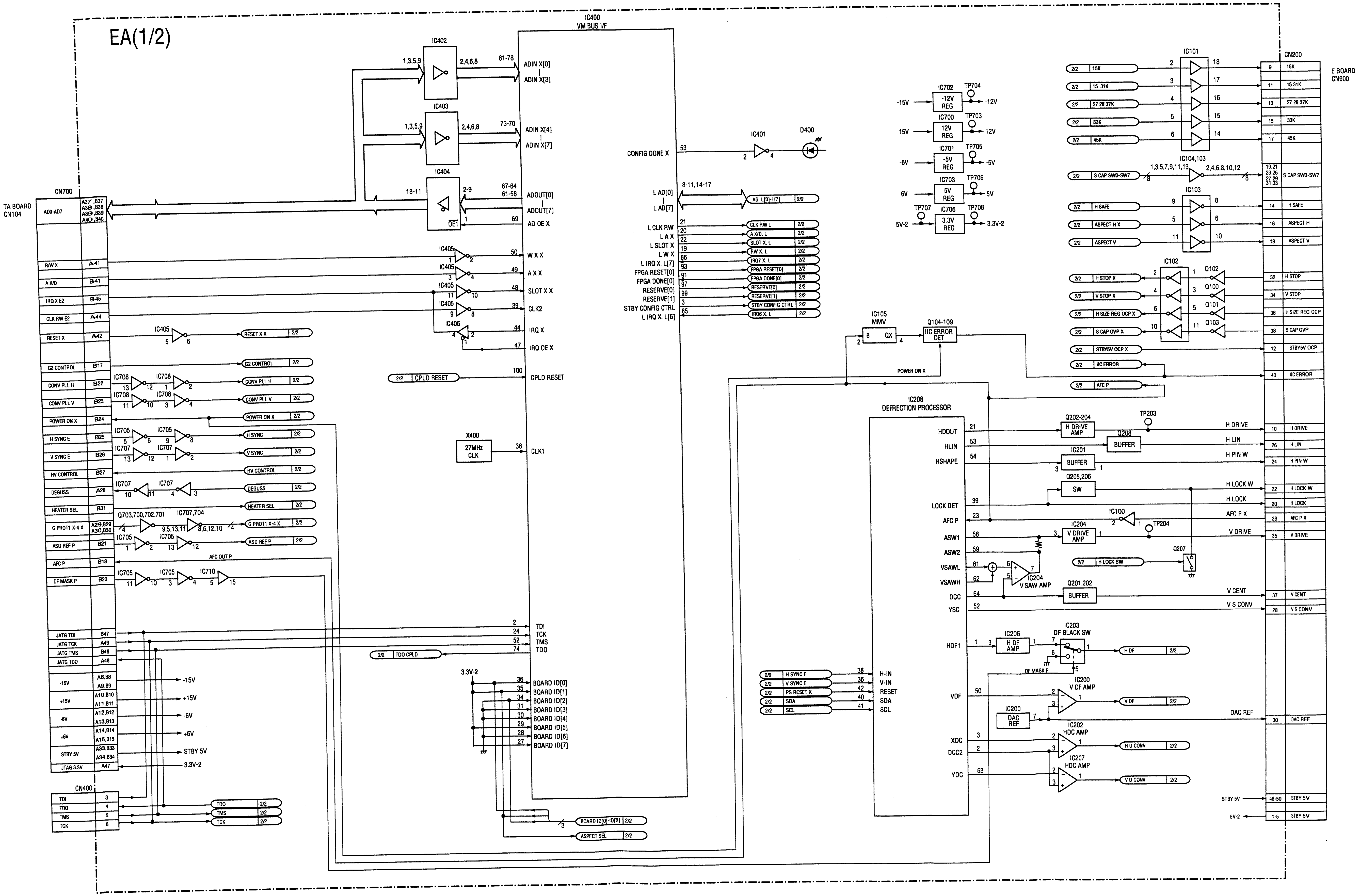

E
TA BOARD CN102
CN100
V DRIVE P
EPROT
A32
A23
STBY 5V
+6V
-6V
+15V
-15V
+135V
ABL
B34
TP101
5V-2
+6V
-6V
15V
-15V
+B
IC104
IC100 5V REG
IC103 -5V REG
IC101 12V REG
IC102 -12V REG
TP105
TP106
TP108
TP107
IC106 BUFFER
Q100,101
IC105 D/A CONVERTER
DAC1
DAC0
DAC2
DAC3
SDA
SCL
H CENT
H STAT CTL
IC300 NTC/V STAT DRIVE
IC300 LAND DRIVE
IC301 ROTATION DRIVE
DAC REF
V S CONV
CN101
TA BOARD CN101
HV REG OCP X
H DRIVE P
POWER ON X
SDA(24/32)
SCL(24/32)
H STAT CTL(14/20)
ABL
NTC/V STAT
NTC/V STAT RET
LAND(14/20)
LAND RET(14/20)
ROT
ROT RET
BOARD ID[2]
BOARD ID[1]
BOARD ID[0]
STABY 5V
+135V
5V-2
Q603
Q610
Q600
Q605,609
Q508
E PROT
H DRIVE P
V DRIVE P
H CENT
V S CONV
DAC REF
POWER ON X
ASPECT V
EA BOARD CN200
CN900
H LIN
V S CONV
DAC REF
H SIZE REG OCP
15K
15 31K
27 28 37K
33K
45K
ASPECT H
ASPECT V
H DRIVE
H LOCK W
H PIN W
AFC P X
H STOP
S CAP OVP
V DRIVE
V CENT
IIC ERROR
STBY5V OCP
V STOP
S CAP SW0-SW7
STBY 5V
H LOCK
H SAFE
Q900 BUFF
TP1
Q6 H DRIVE
T2 HDT
Q16 H OUT
TP3
IC501 H CENT AMP
Q500 H CENT AMP
Q17,20
D10
TP2
IC1
Q1-4 AFC PULSE AMP
H LOCK
AFC P
Q415 BUFF
Q400-405 FH SW, ASPECT SW
IC400 PWM GEN
IN
MREFIN
MIXIN
ERRIN
VREG9
PWMOUT
ERROUT
ERRIN
SLOWSW
Q411,412 PWM DRIVE
Q404,406 FILTER SW
Q413 +B SW
Q410 OCP DET
Q407 COMP
Q408
D408
12V
T3 HOT
PS501 D500
PS500 D504
L500 HCC
IC500 H CENTER
IC502, Q501-507,510 PROTECT DET
L5
L6
L4
L7
Q22
Q5,8,11-15,18
Q21,23,26-28
Q30,32,34,36-40
S0 X - S7 X
IC2 S CAP V DET
Q41
TP700
IC700 H LIN DRIVE
Q700, 701 H LIN OUT
L700 HLC
D19 RECT
D20 RECT
Q25
27 28 37K
Q601,606,616,618-620 H SIZE REG OCP DET
H SIZE REG OCP X
POWER ON X
Q24,31,35 LOGIC
Q7,10
ASPECT H
12V
RY1
L3
L2
L1
D8
D7
Q19
T1 CURRENT TRANS
12V
Q511 12V DET
Q9 BUFF
D6 RECT
Q604,607,611,613,622,625,628,507 H STOP DET
IC601 H STOP COMPARATOR
H STOP X
POWER ON X
Q602,608,612,614,623,626,629 S CAP OVP DET
IC600 S CAP OVP COMPARATOR
S CAP OVP X
IC800,801, Q800-803 V SIZE SW
V DRIVE
V CENT
ASPECT V
IC802 V OUT
PUMP UP OUTPUT
OUTPUT STAGE VCC
TP800
TP801
V DRIVE P
15V
IC601 V STOP CMPARATOR
D611
D612
Q632 DISCHAGE SW
Q633 DISCHAGE SW
IC602 V STOP
Q15,617,621,624,627,630,631 V STOP DET
V STOP X
POWER ON X
27 28 37K
S CAP SW0 X - SCAP SW7X
S CAP SW0 X - SCAP SW6 X
S0 X - S6 X
S0 X - S7 X
S7 X
S CAP SW7 X
Q203,205
Q204,206
Q200,201 DELAY
Q202,207
H LOCK
H SAFE X
CN1
H. DY
H. DY RET
V. DY
V. DY RET
DY
H.DY
V.DY

E, DY (BVM-A24)


E
TA BOARD CN102
CN100
V DRIVE P
EPROT
STBY 5V
+6V
-6V
+15V
-15V
+135V
ABL
TP101
5V-2
+6V
-6V
15V
-15V
+B
IC104
IC100 5V REG
IC103 -5V REG
IC101 12V REG
IC102 -12V REG
TP105
TP106
TP108
TP107
IC106 BUFFER
IC105 D/A CONVERTER
DAC1
DAC0
DAC2
DAC3
SDA
SCL
H CENT
H STAT CTL
IC300 NTC/V STAT DRIVE
IC300 H STAT DRIVE
IC301 ROTATION DRIVE
DAC REF
V S CONV
CN101
HV REG OCP X
H DRIVE P
POWER ON X
SDA(24/32)
SCL(24/32)
H STAT CTL(14/20)
ABL
NTC/V STAT
NTC/V STAT RET
H STAT RET(24/32)
H STAT(24/32)
ROT
ROT RET
BOARD ID[2]
BOARD ID[1]
BOARD ID[0]
STBY 5V
+135V
5V-2
+B
TA BOARD CN101
EA BOARD CN200
CN900
H LIN
V S CONV
DAC REF
H SIZE REG OCP
15K
15 31K
27 28 37K
33K
45K
ASPECT H
ASPECT V
H DRIVE
H LOCK W
H PIN W
AFC P X
H STOP
S CAP OVP
V DRIVE
V CENT
IIC ERROR
STBY5V OCP
V STOP
S CAP SW0-SW7
STBY 5V
H LOCK
H SAFE
Q603
Q610
Q600
Q605,609
5V-2
Q508
Q900 BUFF
V DRIVE P
H CENT
H DRIVE P
E PROT
V S CONV
DAC REF
POWER ON X
H DRIVE
TP1
Q6 H DRIVE
T2 HDT
Q16 H OUT
TP3
IC501 H CENT AMP
Q500 H CENT AMP
Q17,20
D10
H LOCK
AFC P
TP2
IC1
Q1-4 AFC PULSE AMP
T3 HDT
PS501
D500
PS500
D504
L500 HCC
IC500 H CENTER
Q415 BUFF
IC400 PWM GEN
IN
PWMOUT
MREFIN
ERROUT
MIXIN
ERRIN
VREG9
SLOWSW
Q400-405 H SIZE REF SW
Q411,412 PWM DRIVE
Q413 +B SW
Q404,406 FILTER SW
Q410 OCP DET
Q22
L5
L6
L4
L7
IC502, Q501-507,510 PROTECT DET
Q5,8,11-15,18
Q21,23,26-28
Q30,32,34,36-40
S0 X - S7 X
IC2 S CAP V DET
Q41
Q407 COMP
Q408
D408
12V
TP700
IC700 H LIN DRIVE
Q700,701 H LIN OUT
L700 HLC
D19 RECT
D20 RECT
Q25
27 28 37K
Q601,606,616,618-620 H SIZE REG OCP DET
Q24,29,31,33,35 LOGIC
RY2
RY1
L3
L2
L1
D8
D7
Q7,10
Q19
12V
Q511 12V DET
Q9 BUFF
D6 RECT
T1 CURRENT TRANS
Q604,607,611,613,622,625,628,507 H STOP DET
IC601 H STOP COMPARATOR
Q602,608,612,614,623,626,629 S CAP OVP DET
IC600 S CAP OVP COMPARATOR
IC802 V OUT
PUMP UP OUTPUT
OUTPUT STAGE VCC
IC801 BUFF
TP800
TP801
15V
IC601 V STOP CMPARATOR
D611
D612
Q632 DISCHAGE SW
Q633 DISCHAGE SW
IC602 V STOP
Q15,617,621,624,627,630,631 V STOP DET
S CAP SW0 X - SCAP SW7X
S CAP SW0 X - SCAP SW6 X
S CAP SW7 X
S0 X - S6 X
S7 X
Q203,205
Q204,206
Q200,201 DELAY
Q202,207
CN1
H. DY
H. DY RET
V. DY
V. DY RET
DY
H.DY
V.DY

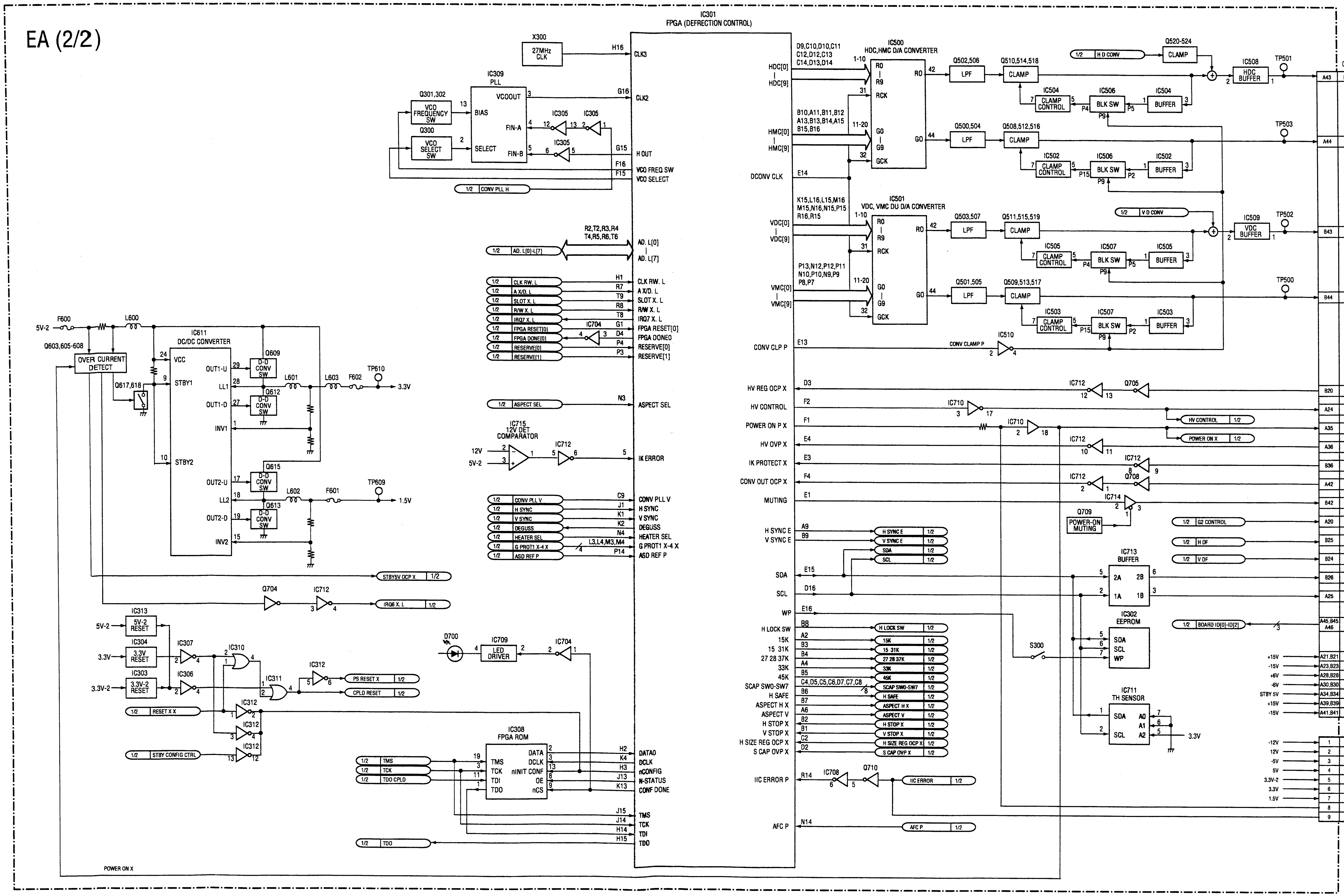
7-14

EA (1/2)


EA(1/2)
TA BOARD CN104
CN700
AD0-AD7
R/W X
A X/D
IRQ X E2
CLK RW E2
RESET X
G2 CONTROL
CONV PLL H
CONV PLL V
POWER ON X
H SYNC E
V SYNC E
HV CONTROL
DEGUSS
HEATER SEL
G PROT1 X-4 X
ASD REF P
AFC P
DF MASK P
JATG TDI
JATG TCK
JATG TMS
JATG TDO
-15V
+15V
-6V
+6V
STBY 5V
JTAG 3.3V
CN400
TDI
TDO
TMS
TCK
IC402
IC403
IC404
IC405
IC406
IC705
IC707
IC708
IC710
Q703,700,702,701
X400
27MHz CLK
IC400
VM BUS I/F
ADIN X[0]
ADIN X[3]
ADIN X[4]
ADIN X[7]
ADOUT[0]
ADOUT[7]
AD OE X
W X X
A X X
SLOT X X
CLK2
IRQ X
IRQ OE X
CPLD RESET
CLK1
TDI
TCK
TMS
TDO
TDO CPLD
3.3V-2
BOARD ID[0]
BOARD ID[1]
BOARD ID[2]
BOARD ID[3]
BOARD ID[4]
BOARD ID[5]
BOARD ID[6]
BOARD ID[7]
BOARD ID[0]-ID[2]
ASPECT SEL
CONFIG DONE X
L AD[0]
L AD[7]
L CLK RW
L A X
L SLOT X
L W X
L IRQ X. L[7]
FPGA RESET[0]
FPGA DONE[0]
RESERVE[0]
RESERVE[1]
STBY CONFIG CTRL
L IRQ X. L[6]
IC401
D400
IC105
MMV
Q104-109
IIC ERROR DET
POWER ON X
IC702
-12V REG
IC700
12V REG
IC701
-5V REG
IC703
5V REG
IC706
3.3V REG
TP704
TP703
TP705
TP706
TP707
TP708
IC208
DEFRECTION PROCESSOR
HDOUT
HLIN
HSHAPE
LOCK DET
AFC P
ASW1
ASW2
VSAWL
VSAWH
DCC
YSC
HDF1
VDF
XDC
DCC2
YDC
H-IN
V-IN
RESET
SDA
SCL
Q202-204
H DRIVE AMP
Q208
BUFFER
IC201
Q205,206
SW
IC100
TP203
TP204
IC204
V DRIVE AMP
V SAW AMP
Q207
H LOCK SW
Q201,202
IC206
H DF AMP
IC203
DF BLACK SW
IC200
V DF AMP
DAC REF
IC202
HDC AMP
IC207
H DRIVE
H LIN
H PIN W
H LOCK W
H LOCK
AFC P X
V DRIVE
V CENT
V S CONV
DAC REF
H DF
V DF
H D CONV
V D CONV
IC101
IC104,103
IC103
IC102
Q102
Q100
Q101
Q103
15K
15 31K
27 28 37K
33K
45K
S CAP SW0-SW7
H SAFE
ASPECT H X
ASPECT V
H STOP X
V STOP X
H SIZE REG OCP X
S CAP OVP X
STBY5V OCP X
IIC ERROR
AFC P
CN200
E BOARD CN900
STBY 5V
5V-2

7-15

EA (2/2)


EA (2/2)
IC301
FPGA (DEFRECTION CONTROL)
X300
27MHz CLK
IC309
PLL
Q301,302
VCO FREQUENCY SW
Q300
VCO SELECT SW
VCOOUT
BIAS
FIN-A
FIN-B
SELECT
IC305
H16
CLK3
G16
CLK2
G15
H OUT
F16
VCO FREQ SW
F15
VCO SELECT
1/2 CONV PLL H
R2,T2,R3,R4
T4,R5,R6,T6
1/2 AD. L[0]-L[7]
AD. L[0]
AD. L[7]
1/2 CLK RW. L
1/2 A X/D. L
1/2 SLOT X. L
1/2 R/W X. L
1/2 IRQ7 X. L
1/2 FPGA RESET[0]
1/2 FPGA DONE[0]
1/2 RESERVE[0]
1/2 RESERVE[1]
H1
R7
T9
R8
T8
G1
D4
P4
P3
IC704
CLK RW. L
A X/D. L
SLOT X. L
R/W X. L
IRQ7 X. L
FPGA RESET[0]
FPGA DONE0
RESERVE[0]
RESERVE[1]
1/2 ASPECT SEL
N3
ASPECT SEL
IC715
12V DET
COMPARATOR
12V
5V-2
IC712
IK ERROR
1/2 CONV PLL V
1/2 H SYNC
1/2 V SYNC
1/2 DEGUSS
1/2 HEATER SEL
1/2 G PROT1 X-4 X
1/2 ASD REF P
C9
J1
K1
K2
N4
L3,L4,M3,M4
P14
CONV PLL V
H SYNC
V SYNC
DEGUSS
HEATER SEL
G PROT1 X-4 X
ASD REF P
F600
5V-2
L600
Q603,605-608
OVER CURRENT DETECT
Q617,618
IC611
DC/DC CONVERTER
VCC
STBY1
STBY2
OUT1-U
LL1
OUT1-D
INV1
OUT2-U
LL2
OUT2-D
INV2
Q609
D-D CONV SW
Q612
Q615
Q613
L601
L603
F602
TP610
3.3V
L602
F601
TP609
1.5V
STBY5V OCP X 1/2
Q704
IRQ6 X. L 1/2
IC313
5V-2 RESET
IC304
3.3V RESET
IC303
3.3V-2 RESET
3.3V
3.3V-2
IC307
IC306
IC310
IC311
IC312
PS RESET X 1/2
CPLD RESET 1/2
1/2 RESET X X
1/2 STBY CONFIG CTRL
D700
IC709
LED DRIVER
IC704
IC308
FPGA ROM
TMS
TCK
TDI
TDO
DATA
DCLK
nINIT CONF
OE
nCS
1/2 TMS
1/2 TCK
1/2 TDO CPLD
1/2 TDO
H2
K4
H3
J13
K13
DATA0
DCLK
nCONFIG
N-STATUS
CONF DONE
J15
J14
H14
H15
TMS
TCK
TDI
TDO
POWER ON X
D9,C10,D10,C11
C12,D12,C13
C14,D13,D14
HDC[0]
HDC[9]
B10,A11,B11,B12
A13,B13,B14,A15
B15,B16
HMC[0]
HMC[9]
DCONV CLK
E14
IC500
HDC,HMC D/A CONVERTER
R0
R9
RCK
G0
G9
GCK
K15,L16,L15,M16
M15,N16,N15,P15
R16,R15
VDC[0]
VDC[9]
P13,N12,P12,P11
N10,P10,N9,P9
P8,P7
VMC[0]
VMC[9]
IC501
VDC, VMC DU D/A CONVERTER
CONV CLP P
E13
CONV CLAMP P
IC510
Q502,506
LPF
Q510,514,518
CLAMP
IC504
CLAMP CONTROL
IC506
BLK SW
BUFFER
Q520-524
1/2 H D CONV
IC508
HDC BUFFER
TP501
Q500,504
Q508,512,516
IC502
TP503
Q503,507
Q511,515,519
IC505
IC507
1/2 V D CONV
IC509
VDC BUFFER
TP502
Q501,505
Q509,513,517
IC503
TP500
CN701
TA BOARD CN103
A43 HDC
A44 HMC
B43 VDC
B44 VMC
HV REG OCP X
D3
IC712
Q705
HV CONTROL
F2
IC710
POWER ON P X
F1
HV CONTROL 1/2
POWER ON X 1/2
HV OVP X
E4
IK PROTECT X
E3
Q708
CONV OUT OCP X
F4
MUTING
E1
IC714
Q709
POWER-ON MUTING
B20 HV REG OCP X
A24 HV CONTROL
A35 POWER ON X
A36 HV OVP X
B36 IK PROTECT X
A42 DCONV OCP X
B42 MUTING
A20 G2 CONTROL
B25 H DF
B24 V DF
B26 SDA(24/32)
A25 SCL(24/32)
A45,B45 A46 BOARD ID0-ID2
1/2 G2 CONTROL
1/2 H DF
1/2 V DF
H SYNC E
V SYNC E
A9
B9
H SYNC E 1/2
V SYNC E 1/2
SDA 1/2
SCL 1/2
SDA
E15
SCL
D16
IC713
BUFFER
2A
2B
1A
1B
WP
E16
IC302
EEPROM
S300
1/2 BOARD ID[0]-ID[2]
H LOCK SW
15K
15 31K
27 28 37K
33K
45K
SCAP SW0-SW7
H SAFE
ASPECT H X
ASPECT V
H STOP X
V STOP X
H SIZE REG OCP X
S CAP OVP X
B8
A2
B3
B4
A4
B5
C4,D5,C5,C6,D7,C7,C8
B6
B7
A6
A7
B2
B1
C2
D2
H LOCK SW 1/2
15K 1/2
15 31K 1/2
27 28 37K 1/2
33K 1/2
45K 1/2
SCAP SW0-SW7 1/2
H SAFE 1/2
ASPECT H X 1/2
ASPECT V 1/2
H STOP X 1/2
V STOP X 1/2
H SIZE REG OCP X 1/2
S CAP OVP X 1/2
IC711
TH SENSOR
A0
A1
A2
3.3V
+15V
-15V
+6V
-6V
STBY 5V
A21,B21 +15V
A23,B23 -15V
A28,B28 +6V
A30,B30 -6V
A34,B34 STBY 5V
A39,B39 +15V
A41,B41 -15V
CN702
-12V
12V
-5V
5V
3.3V-2
3.3V
1.5V
1 -12V
2 12V
3 -5V
4 5V
5 3.3V-2
6 3.3V
7 1.5V
8 POWER ON SW
9 IIC ERROR
IIC ERROR P
R14
IC708
Q710
IIC ERROR 1/2
AFC P
N14
AFC P 1/2

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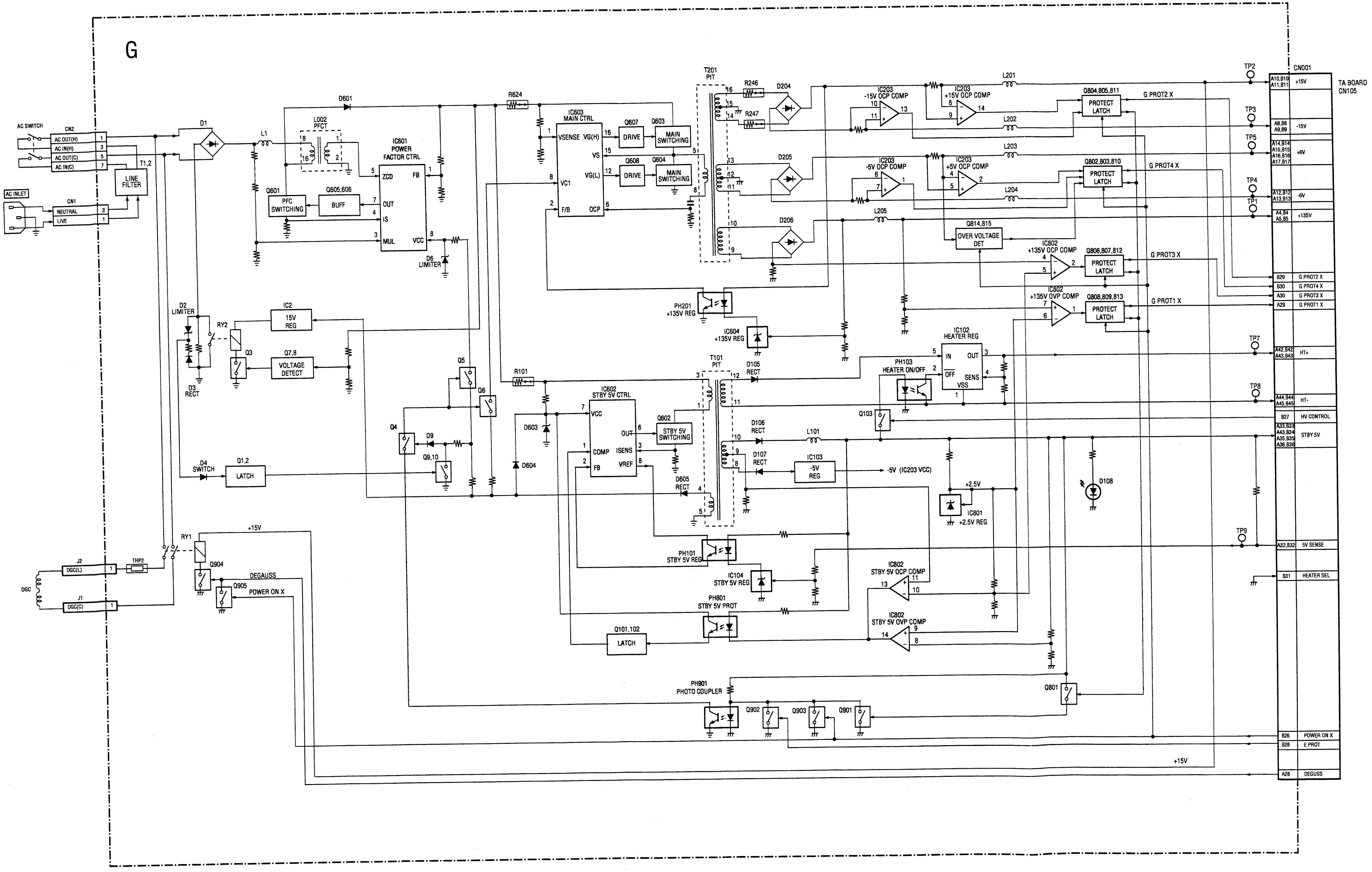
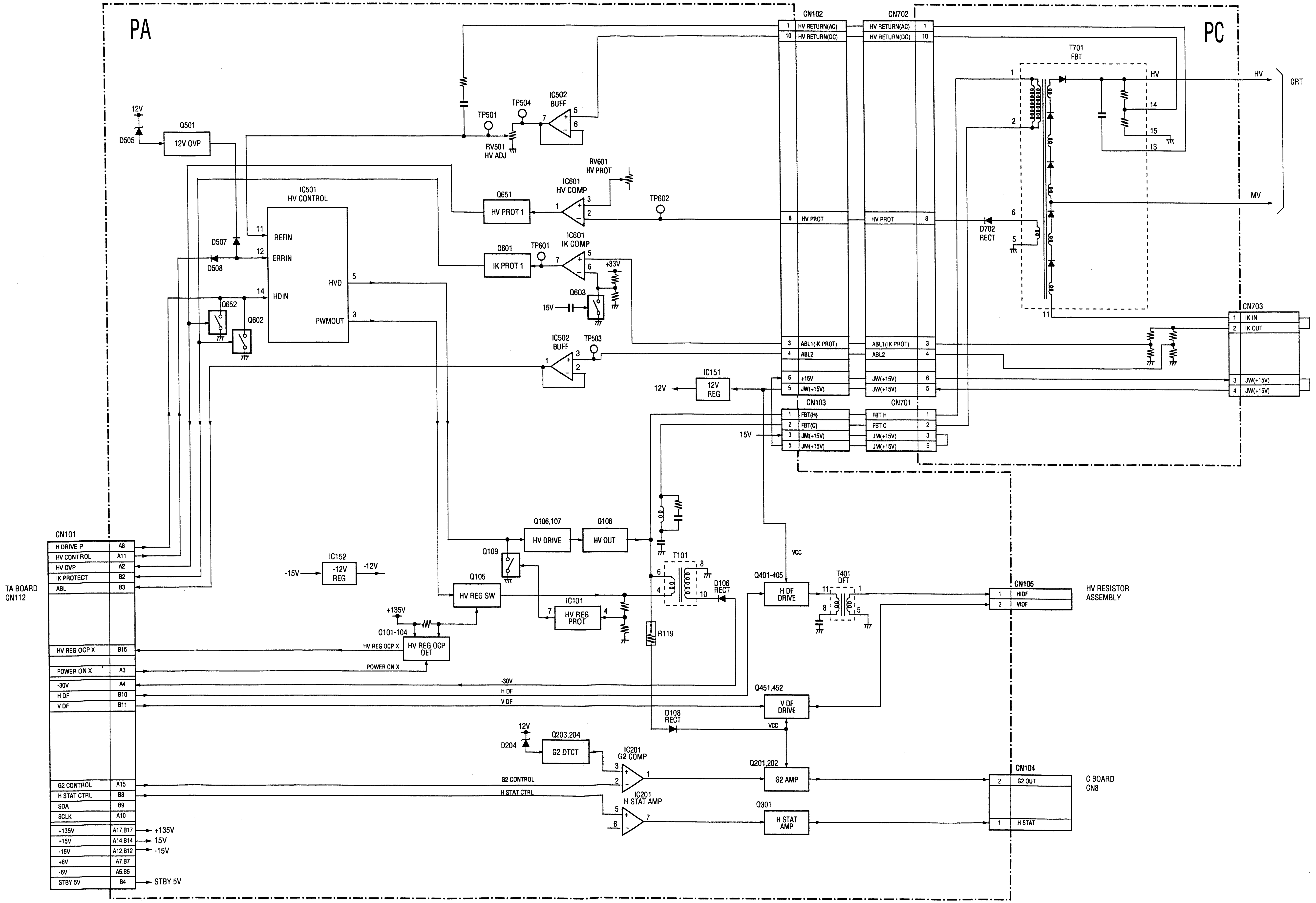
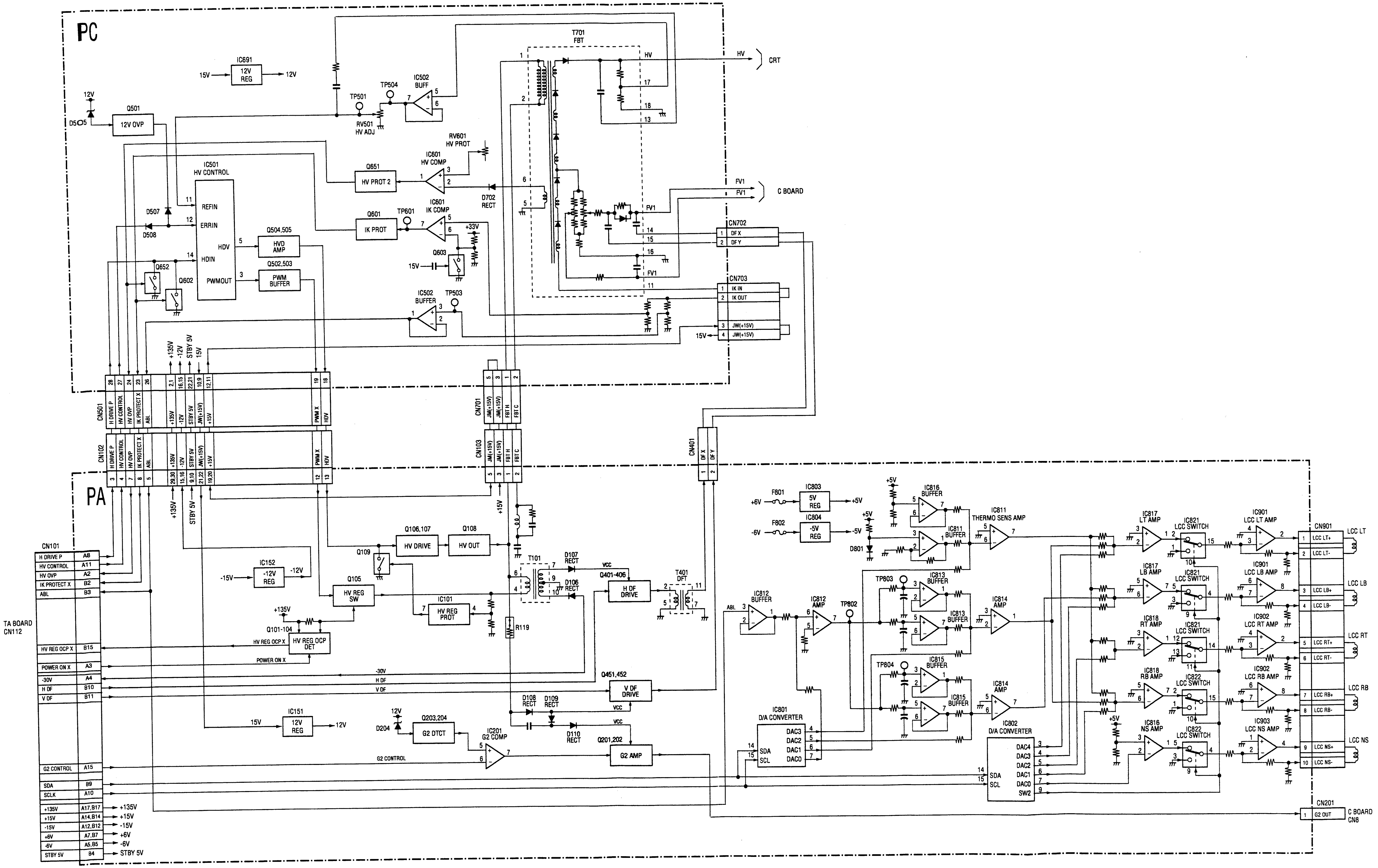

G
AC SWITCH
CN2
AC OUT(H)
AC IN(H)
AC OUT(C)
AC IN(C)
AC INLET
CN1
NEUTRAL
LIVE
T1,2
LINE FILTER
D1
L1
L002 PFCT
D601
IC601 POWER FACTOR CTRL
ZCD
FB
OUT
IS
MUL
VCC
Q601
PFC SWITCHING
Q605,606
BUFF
D6 LIMITER
R624
IC603 MAIN CTRL
VSENSE
VG(H)
VS
VG(L)
VC1
F/B
OCP
Q607
DRIVE
Q603
MAIN SWITCHING
Q608
DRIVE
Q604
MAIN SWITCHING
T201 PIT
R246
R247
D204
D205
D206
IC203 -15V OCP COMP
IC203 +15V OCP COMP
IC203 -5V OCP COMP
IC203 +5V OCP COMP
L201
L202
L203
L204
L205
Q804,805,811
PROTECT LATCH
G PROT2 X
Q802,803,810
PROTECT LATCH
G PROT4 X
Q814,815
OVER VOLTAGE DET
IC802 +135V OCP COMP
Q806,807,812
PROTECT LATCH
G PROT3 X
IC802 +135V OVP COMP
Q808,809,813
PROTECT LATCH
G PROT1 X
PH201 +135V REG
IC604 +135V REG
IC102 HEATER REG
IN
OUT
OFF
SENS
VSS
PH103 HEATER ON/OFF
Q103
TP1
TP2
TP3
TP4
TP5
TP7
TP8
TP9
CN001
TA BOARD CN105
A10,B10 A11,B11 +15V
A8,B8 A9,B9 -15V
A14,B14 A15,B15 A16,B16 A17,B17 +6V
A12,B12 A13,B13 -6V
A4,B4 A5,B5 +135V
B29 G PROT2 X
B30 G PROT4 X
A30 G PROT3 X
A29 G PROT1 X
A42,B42 A43,B43 HT+
A44,B44 A45,B45 HT-
B27 HV CONTROL
A33,B33 A43,B34 A35,B35 A36,B36 STBY 5V
A32,B32 5V SENSE
B31 HEATER SEL
B26 POWER ON X
B28 E PROT
A28 DEGUSS
D2 LIMITER
D3 RECT
RY2
Q3
IC2 15V REG
Q7,8 VOLTAGE DETECT
Q5
Q6
Q4
D9
Q9,10
D4 SWITCH
Q1,2 LATCH
R101
D603
D604
IC602 STBY 5V CTRL
VCC
OUT
COMP
ISENS
FB
VREF
Q602 STBY 5V SWITCHING
T101 PIT
D105 RECT
D106 RECT
L101
D107 RECT
IC103 -5V REG
-5V (IC203 VCC)
D605 RECT
D108
+2.5V
IC801 +2.5V REG
PH101 STBY 5V REG
IC104 STBY 5V REG
PH801 STBY 5V PROT
IC802 STBY 5V OCP COMP
IC802 STBY 5V OVP COMP
Q101,102 LATCH
PH901 PHOTO COUPLER
Q902
Q903
Q901
Q801
RY1
+15V
Q904
DEGAUSS
Q905
POWER ON X
DGC
J2 DGC(L)
THP2
J1 DGC(C)
+15V


PA
PC
CN102
1 HV RETURN(AC)
10 HV RETURN(DC)
CN702
HV RETURN(AC) 1
HV RETURN(DC) 10
T701
FBT
HV
HV
CRT
14
15
13
MV
1
2
6
5
11
D702
RECT
12V
D505
Q501
12V OVP
TP501
TP504
IC502
BUFF
RV501
HV ADJ
RV601
HV PROT
IC601
HV COMP
TP602
Q651
HV PROT 1
IC501
HV CONTROL
11 REFIN
12 ERRIN
14 HDIN
5 HVD
3 PWMOUT
D507
D508
Q652
Q602
IC601
IK COMP
TP601
Q601
IK PROT 1
+33V
Q603
15V
IC502
BUFF
TP503
8 HV PROT
HV PROT 8
3 ABL1(IK PROT)
4 ABL2
ABL1(IK PROT) 3
ABL2 4
6 +15V
5 JW(+15V)
JW(+15V) 6
JW(+15V) 5
CN703
1 IK IN
2 IK OUT
3 JW(+15V)
4 JW(+15V)
IC151
12V REG
12V
CN103
1 FBT(H)
2 FBT(C)
3 JM(+15V)
5 JM(+15V)
CN701
FBT H 1
FBT C 2
JM(+15V) 3
JM(+15V) 5
15V
CN101
H DRIVE P A8
HV CONTROL A11
HV OVP A2
IK PROTECT B2
ABL B3
TA BOARD
CN112
IC152
-12V REG
-15V
-12V
Q106,107
HV DRIVE
Q108
HV OUT
Q109
Q105
HV REG SW
T101
6
4
8
10
D106
RECT
IC101
HV REG PROT
7
4
R119
VCC
Q401-405
H DF DRIVE
T401
DFT
11
1
8
5
CN105
1 HIDF
2 VIDF
HV RESISTOR
ASSEMBLY
+135V
Q101-104
HV REG OCP DET
HV REG OCP X
POWER ON X
HV REG OCP X B15
POWER ON X A3
-30V A4
H DF B10
V DF B11
-30V
H DF
V DF
Q451,452
V DF DRIVE
D108
RECT
VCC
12V
D204
Q203,204
G2 DTCT
IC201
G2 COMP
Q201,202
G2 AMP
G2 CONTROL
H STAT CTRL
IC201
H STAT AMP
Q301
H STAT AMP
CN104
2 G2 OUT
1 H STAT
C BOARD
CN8
G2 CONTROL A15
H STAT CTRL B8
SDA B9
SCLK A10
+135V A17,B17
+15V A14,B14
-15V A12,B12
+6V A7,B7
-6V A5,B5
STBY 5V B4
+135V
15V
-15V
STBY 5V

PA, PC (BVM-A24)


PC
IC691 12V REG
15V
12V
Q501 12V OVP
D505
TP504
IC502 BUFF
TP501
RV501 HV ADJ
T701 FBT
HV
CRT
RV601 HV PROT
IC601 HV COMP
Q651 HV PROT 2
D702 RECT
FV1
C BOARD
IC501 HV CONTROL
REFIN
ERRIN
HDV
HDIN
PWMOUT
D507
D508
Q652
Q602
Q601 IK PROT
TP601
IC601 IK COMP
+33V
Q603
Q504,505 HVD AMP
Q502,503 PWM BUFFER
IC502 BUFFER
TP503
CN702
DF X
DF Y
CN703
IK IN
IK OUT
JW(+15V)
+135V
-12V
STBY 5V
15V
CN501
H DRIVE P
HV CONTROL
HV OVP
IK PROTECT X
ABL
+135V
-12V
STBY 5V
JM(+15V)
+15V
PWM X
HDV
CN701
JM(+15V)
FBT H
FBT C
CN102
CN103
CN401
DF X
DF Y
PA
CN101
TA BOARD CN112
H DRIVE P
HV CONTROL
HV OVP
IK PROTECT X
ABL
HV REG OCP X
POWER ON X
-30V
H DF
V DF
G2 CONTROL
SDA
SCLK
+135V
+15V
-15V
+6V
-6V
STBY 5V
IC152 -12V REG
Q106,107 HV DRIVE
Q108 HV OUT
Q109
Q105 HV REG SW
IC101 HV REG PROT
Q101-104 HV REG OCP DET
T101
D107 RECT
D106 RECT
Q401-406 H DF DRIVE
T401 DFT
R119
Q451,452 V DF DRIVE
D108 RECT
D109 RECT
D110 RECT
IC151 12V REG
D204
Q203,204 G2 DTCT
IC201 G2 COMP
Q201,202 G2 AMP
VCC
F801
IC803 5V REG
F802
IC804 -5V REG
D801
IC816 BUFFER
IC811 BUFFER
IC811 THERMO SENS AMP
IC812 BUFFER
IC812 AMP
TP802
TP803
IC813 BUFFER
IC814 AMP
TP804
IC815 BUFFER
IC801 D/A CONVERTER
DAC3
DAC2
DAC1
DAC0
IC802 D/A CONVERTER
DAC4
SW2
IC817 LT AMP
IC817 LB AMP
IC818 RT AMP
IC818 RB AMP
IC816 NS AMP
IC821 LCC SWITCH
IC822 LCC SWITCH
IC901 LCC LT AMP
IC901 LCC LB AMP
IC902 LCC RT AMP
IC902 LCC RB AMP
IC903 LCC NS AMP
CN901
LCC LT+
LCC LT-
LCC LB+
LCC LB-
LCC RT+
LCC RT-
LCC RB+
LCC RB-
LCC NS+
LCC NS-
LCC LT
LCC LB
LCC RT
LCC RB
LCC NS
CN201
G2 OUT
C BOARD CN8

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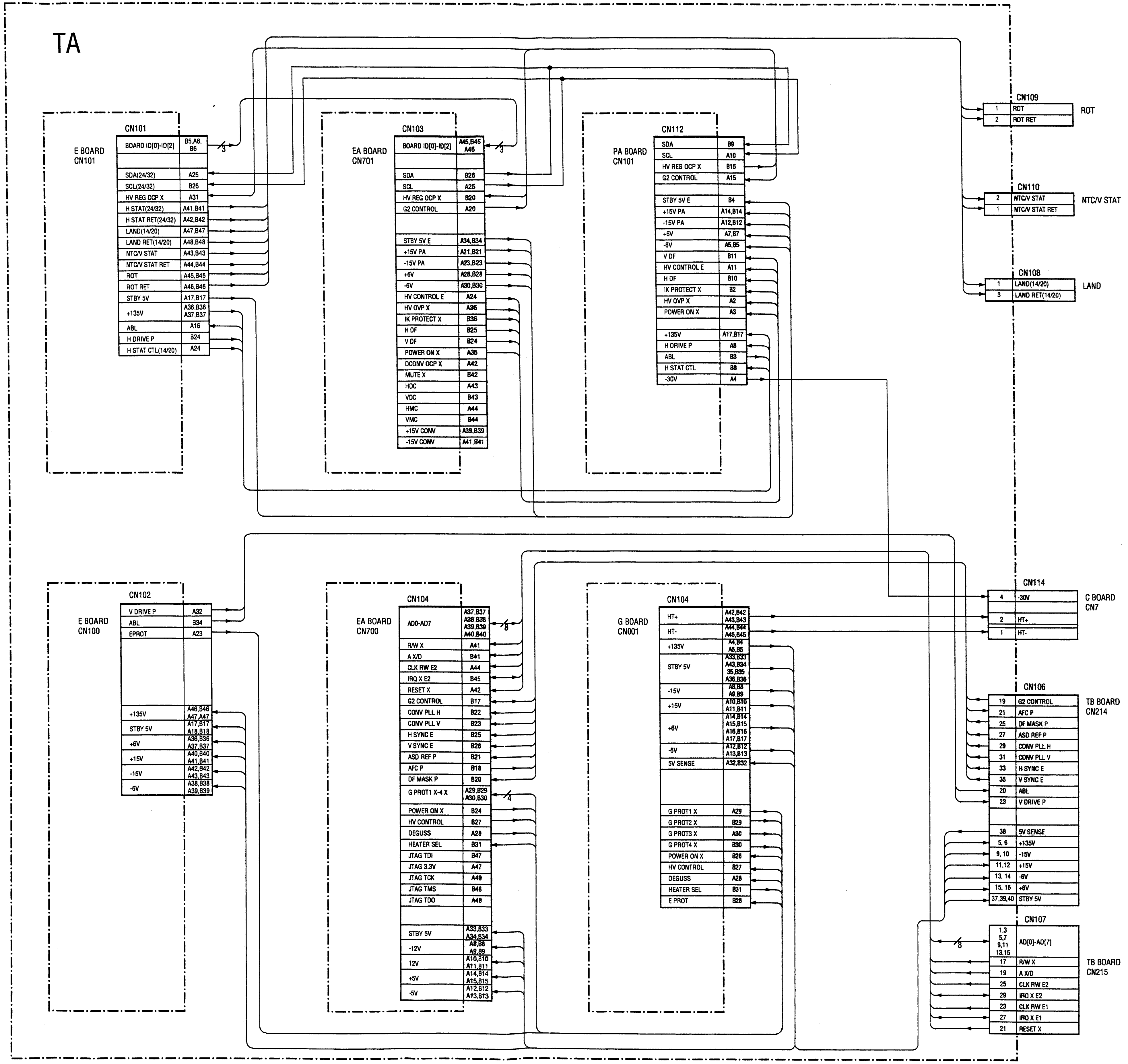
TA (BVM-A20)

TA (BVM-A20)


TA
E BOARD CN101
CN101
BOARD ID[0]-ID[2] B5,A6, B6
3
SDA(24/32) A25
SCL(24/32) B26
HV REG OCP X A31
H STAT(24/32) A41,B41
H STAT RET(24/32) A42,B42
LAND(14/20) A47,B47
LAND RET(14/20) A48,B48
NTC/V STAT A43,B43
NTC/V STAT RET A44,B44
ROT A45,B45
ROT RET A46,B46
STBY 5V A17,B17
+135V A36,B36 A37,B37
ABL A16
H DRIVE P B24
H STAT CTL(14/20) A24
EA BOARD CN701
CN103
BOARD ID[0]-ID[2] A45,B45 A46
3
SDA B26
SCL A25
HV REG OCP X B20
G2 CONTROL A20
STBY 5V E A34,B34
+15V PA A21,B21
-15V PA A23,B23
+6V A28,B28
-6V A30,B30
HV CONTROL E A24
HV OVP X A36
IK PROTECT X B36
H DF B25
V DF B24
POWER ON X A35
DCONV OCP X A42
MUTE X B42
HDC A43
VDC B43
HMC A44
VMC B44
+15V CONV A39,B39
-15V CONV A41,B41
PA BOARD CN101
CN112
SDA B9
SCL A10
HV REG OCP X B15
G2 CONTROL A15
STBY 5V E B4
+15V PA A14,B14
-15V PA A12,B12
+6V A7,B7
-6V A5,B5
V DF B11
HV CONTROL E A11
H DF B10
IK PROTECT X B2
HV OVP X A2
POWER ON X A3
+135V A17,B17
H DRIVE P A8
ABL B3
H STAT CTL B8
-30V A4
CN109
1 ROT
2 ROT RET
ROT
CN110
2 NTC/V STAT
1 NTC/V STAT RET
NTC/V STAT
CN108
1 LAND(14/20)
3 LAND RET(14/20)
LAND
E BOARD CN100
CN102
V DRIVE P A32
ABL B34
EPROT A23
+135V A46,B46 A47,A47
STBY 5V A17,B17 A18,B18
+6V A36,B36 A37,B37
+15V A40,B40 A41,B41
-15V A42,B42 A43,B43
-6V A38,B38 A39,B39
EA BOARD CN700
CN104
AD0-AD7 A37,B37 A38,B38 A39,B39 A40,B40
8
R/W X A41
A X/D B41
CLK RW E2 A44
IRQ X E2 B45
RESET X A42
G2 CONTROL B17
CONV PLL H B22
CONV PLL V B23
H SYNC E B25
V SYNC E B26
ASD REF P B21
AFC P B18
DF MASK P B20
G PROT1 X-4 X A29,B29 A30,B30
4
POWER ON X B24
HV CONTROL B27
DEGUSS A28
HEATER SEL B31
JTAG TDI B47
JTAG 3.3V A47
JTAG TCK A49
JTAG TMS B48
JTAG TDO A48
STBY 5V A33,B33 A34,B34
-12V A8,B8 A9,B9
12V A10,B10 A11,B11
+5V A14,B14 A15,B15
-5V A12,B12 A13,B13
G BOARD CN001
CN104
HT+ A42,B42 A43,B43
HT- A44,B44 A45,B45
+135V A4,B4 A5,B5
STBY 5V A33,B33 A43,B34 35,B35 A36,B36
-15V A8,B8 A9,B9
+15V A10,B10 A11,B11
+6V A14,B14 A15,B15 A16,B16 A17,B17
-6V A12,B12 A13,B13
5V SENSE A32,B32
G PROT1 X A29
G PROT2 X B29
G PROT3 X A30
G PROT4 X B30
POWER ON X B26
HV CONTROL B27
DEGUSS A28
HEATER SEL B31
E PROT B28
CN114
4 -30V
2 HT+
1 HT-
C BOARD CN7
CN106
19 G2 CONTROL
21 AFC P
25 DF MASK P
27 ASD REF P
29 CONV PLL H
31 CONV PLL V
33 H SYNC E
35 V SYNC E
20 ABL
23 V DRIVE P
38 5V SENSE
5, 6 +135V
9, 10 -15V
11,12 +15V
13, 14 -6V
15, 16 +6V
37,39,40 STBY 5V
TB BOARD CN214
CN107
1,3 5,7 9,11 13,15 AD[0]-AD[7]
8
17 R/W X
19 A X/D
25 CLK RW E2
29 IRQ X E2
23 CLK RW E1
27 IRQ X E1
21 RESET X
TB BOARD CN215

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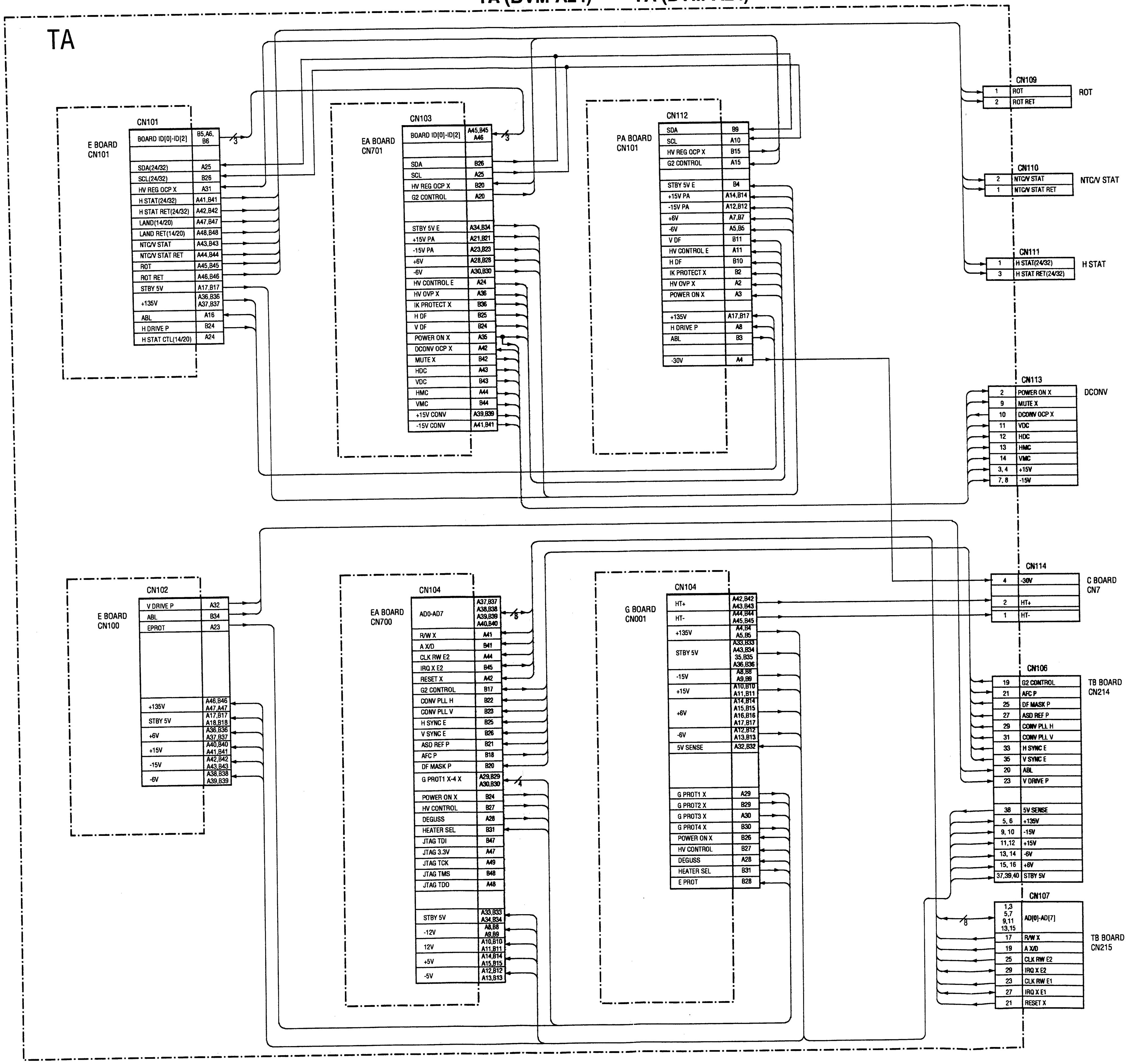
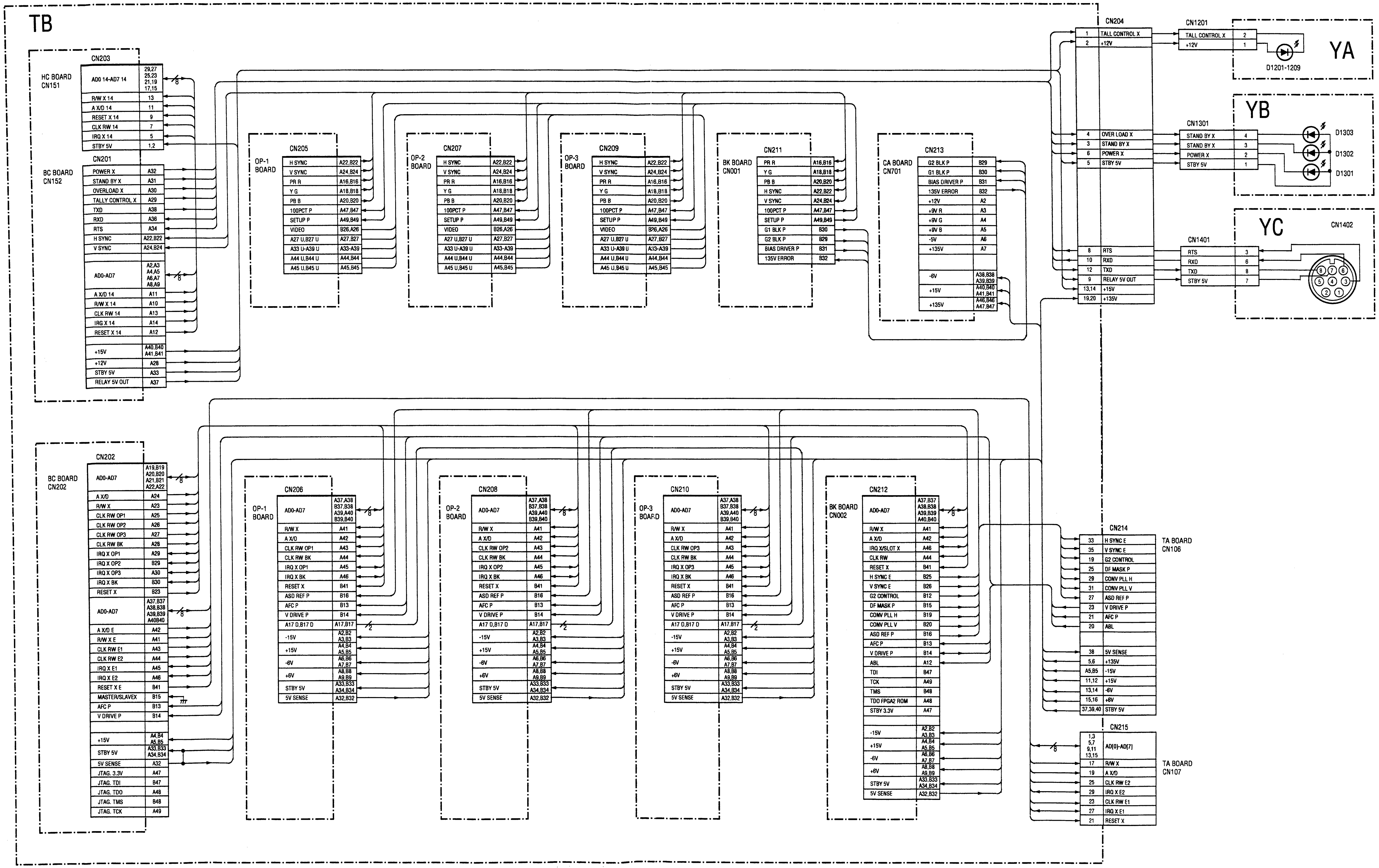
TA (BVM-A24)


TA
E BOARD CN101
CN101
BOARD ID[0]-ID[2] B5,A6,B6
SDA(24/32) A25
SCL(24/32) B26
HV REG OCP X A31
H STAT(24/32) A41,B41
H STAT RET(24/32) A42,B42
LAND(14/20) A47,B47
LAND RET(14/20) A48,B48
NTC/V STAT A43,B43
NTC/V STAT RET A44,B44
ROT A45,B45
ROT RET A46,B46
STBY 5V A17,B17
+135V A36,B36 A37,B37
ABL A16
H DRIVE P B24
H STAT CTL(14/20) A24
EA BOARD CN701
CN103
BOARD ID[0]-ID[2] A45,B45 A46
SDA B26
SCL A25
HV REG OCP X B20
G2 CONTROL A20
STBY 5V E A34,B34
+15V PA A21,B21
-15V PA A23,B23
+6V A28,B28
-6V A30,B30
HV CONTROL E A24
HV OVP X A36
IK PROTECT X B36
H DF B25
V DF B24
POWER ON X A35
DCONV OCP X A42
MUTE X B42
HDC A43
VDC B43
HMC A44
VMC B44
+15V CONV A39,B39
-15V CONV A41,B41
PA BOARD CN101
CN112
SDA B9
SCL A10
HV REG OCP X B15
G2 CONTROL A15
STBY 5V E B4
+15V PA A14,B14
-15V PA A12,B12
+6V A7,B7
-6V A5,B5
V DF B11
HV CONTROL E A11
H DF B10
IK PROTECT X B2
HV OVP X A2
POWER ON X A3
+135V A17,B17
H DRIVE P A8
ABL B3
-30V A4
CN109
1 ROT
2 ROT RET
ROT
CN110
2 NTC/V STAT
1 NTC/V STAT RET
NTC/V STAT
CN111
1 H STAT(24/32)
3 H STAT RET(24/32)
H STAT
CN113
2 POWER ON X
9 MUTE X
10 DCONV OCP X
11 VDC
12 HDC
13 HMC
14 VMC
3, 4 +15V
7, 8 -15V
DCONV
E BOARD CN100
CN102
V DRIVE P A32
ABL B34
EPROT A23
+135V A46,B46 A47,A47
STBY 5V A17,B17 A18,B18
+6V A36,B36 A37,B37
+15V A40,B40 A41,B41
-15V A42,B42 A43,B43
-6V A38,B38 A39,B39
EA BOARD CN700
CN104
AD0-AD7 A37,B37 A38,B38 A39,B39 A40,B40
R/W X A41
A X/D B41
CLK RW E2 A44
IRQ X E2 B45
RESET X A42
G2 CONTROL B17
CONV PLL H B22
CONV PLL V B23
H SYNC E B25
V SYNC E B26
ASD REF P B21
AFC P B18
DF MASK P B20
G PROT1 X-4 X A29,B29 A30,B30
POWER ON X B24
HV CONTROL B27
DEGUSS A28
HEATER SEL B31
JTAG TDI B47
JTAG 3.3V A47
JTAG TCK A49
JTAG TMS B48
JTAG TDO A48
STBY 5V A33,B33 A34,B34
-12V A8,B8 A9,B9
12V A10,B10 A11,B11
+5V A14,B14 A15,B15
-5V A12,B12 A13,B13
8
4
3
G BOARD CN001
CN104
HT+ A42,B42 A43,B43
HT- A44,B44 A45,B45
+135V A4,B4 A5,B5
STBY 5V A33,B33 A43,B34 35,B35 A36,B36
-15V A8,B8 A9,B9
+15V A10,B10 A11,B11
+6V A14,B14 A15,B15 A16,B16 A17,B17
-6V A12,B12 A13,B13
5V SENSE A32,B32
G PROT1 X A29
G PROT2 X B29
G PROT3 X A30
G PROT4 X B30
POWER ON X B26
HV CONTROL B27
DEGUSS A28
HEATER SEL B31
E PROT B28
CN114
4 -30V
2 HT+
1 HT-
C BOARD CN7
CN106
19 G2 CONTROL
21 AFC P
25 DF MASK P
27 ASD REF P
29 CONV PLL H
31 CONV PLL V
33 H SYNC E
35 V SYNC E
20 ABL
23 V DRIVE P
38 5V SENSE
5, 6 +135V
9, 10 -15V
11,12 +15V
13, 14 -6V
15, 16 +6V
37,39,40 STBY 5V
TB BOARD CN214
CN107
1,3 5,7 9,11 13,15 AD[0]-AD[7]
17 R/W X
19 A X/D
25 CLK RW E2
29 IRQ X E2
23 CLK RW E1
27 IRQ X E1
21 RESET X
TB BOARD CN215

7-21

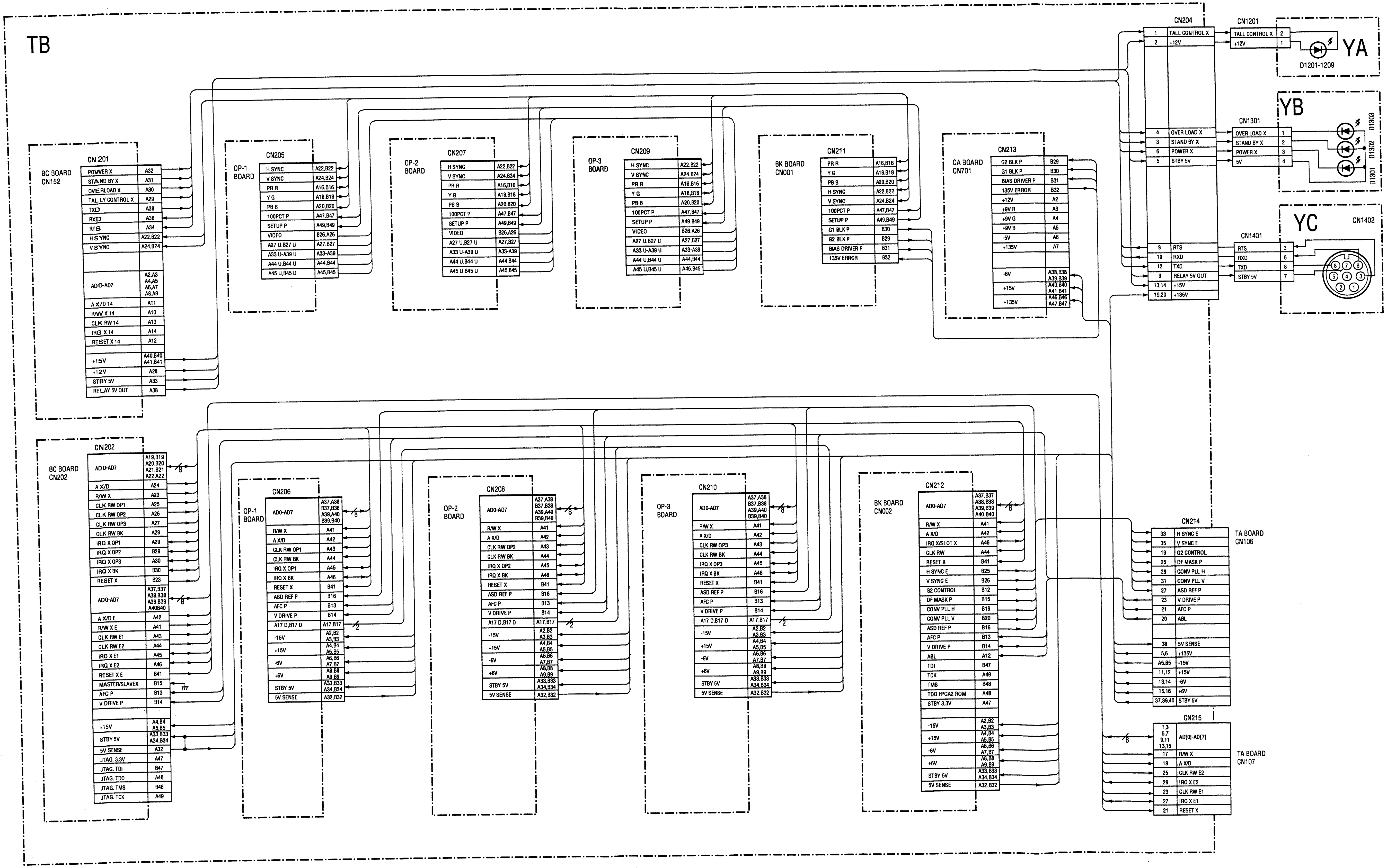
TB, YA, YB, YC (BVM-A20)


TB
YA
YB
YC
HC BOARD CN151
CN203
BC BOARD CN152
CN201
BC BOARD CN202
CN202
OP-1 BOARD
CN205
OP-2 BOARD
CN207
OP-3 BOARD
CN209
BK BOARD CN001
CN211
CA BOARD CN701
CN213
CN206
CN208
CN210
BK BOARD CN002
CN212
CN204
CN1201
D1201-1209
CN1301
D1303
D1302
D1301
CN1401
CN1402
CN214
TA BOARD CN106
CN215
TA BOARD CN107

7-22

TB, YA, YB, YC (BVM-A24)

TB, YA, YB, YC (BVM-A24)


TB
BC BOARD CN152
CN 201
OP-1 BOARD
CN205
OP-2 BOARD
CN207
OP-3 BOARD
CN209
BK BOARD CN001
CN211
CA BOARD CN701
CN213
CN204
CN1201
YA
D1201-1209
YB
CN1301
D1303
D1302
D1301
YC
CN1401
CN1402
BC BOARD CN202
CN202
OP-1 BOARD
CN206
OP-2 BOARD
CN208
OP-3 BOARD
CN210
BK BOARD CN002
CN212
CN214
TA BOARD CN106
CN215
TA BOARD CN107

Section 8
Schematic Diagrams

Board Name	Function	Page
BC	MAIN CPU	8-6
BK	VIDEO PROCESSOR	8-13
C	R, G, B OUT	8-28
CA	R, G, B AMP	8-30
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YC	OPTION JACK	8-51

- The components marked ⧓ in this schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- When replacing components marked ◪, make the necessary adjustments indicated. If results do not meet the specified value, change the component marked ⧓ and repeat the adjustment until the specified value is achieved.
- When replacing a part shown in the table below, be sure to perform the related adjustment.

◪

BOARD NAME	REF. NO.
BK	IC009, R604, R605
G	IC604
PA (For 20 inch)	D601, D608, D609, D651, D652, D659, D660, IC501, IC502, IC601, Q601, Q602, Q651, Q652, R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, R602, R603, R604, R605, R606, R607, R652, R653, R654, R655, R656
PC (For 20 inch)	D702, R701, R702, R703, R704, R705, R706, R707, T701
PC (For 24 inch)	D601, D608, D609, D651, D652, D659, D660, D702, IC501, IC502, IC601, Q601, Q602, Q651, Q652, R505, R506, R508, R509, R510, R511, R512, R514, R515, R517, R603, R604, R605, R606, R607, R652, R653, R654, R655, R656 R701, R702, R703, R704, R705 R706, R707, R782

⧓

BOARD NAME	REF. NO.
PA (For 20 inch)	RV501, RV601
PC (For 24 inch)	RV501, RV601

The components identified marked ⚠ are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Frame (1/2) (BVM-A20)

Frame (1/2) (BVM-A20)

TO BC BOARD
CN201

B		A	
1	GND	1	GND
2	D_GND	2	AD0
3	D_GND	3	AD1
4	D_GND	4	AD2
5	D_GND	5	AD3
6	D_GND	6	AD4
7	D_GND	7	AD5
8	D_GND	8	AD6
9	D_GND	9	AD7
10	D_GND	10	R/W_X
11	D_GND	11	A_X/D
12	D_GND	12	RESET_X
13	D_GND	13	CLK_RW
14	D_GND	14	IRQ_X
15	NC	15	NC
16	NC	16	NC
17	NC	17	NC
18	NC	18	NC
19	NC	19	NC
20	NC	20	NC
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	NC	28	+12V
29	NC	29	TALLY_CONTROL_X
30	NC	30	OVERLOAD_X
31	NC	31	STAND_BY_X
32	NC	32	POWER_X
33	NC	33	STBY_5V
34	NC	34	RTS
35	NC	35	GND
36	NC	36	RXD
37	NC	37	STBY_5V
38	NC	38	TXD
39	NC	39	NC
40	+15V	40	+15V
41	+15V	41	+15V
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	NC	47	NC
48	GND	48	GND
49	NC	49	NC
50	GND	50	GND

OPTION BOARD 1 - 3
CN205,CN207,CN209

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	NC	28	NC
29	NC	29	NC
30	NC	30	NC
31	NC	31	NC
32	NC	32	NC
33	NC	33	A33_U
34	NC	34	A34_U
35	NC	35	A35_U
36	NC	36	A36_U
37	NC	37	A37_U
38	NC	38	A38_U
39	NC	39	A39_U
40	NC	40	NC
41	NC	41	NC
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	100PCT_P	47	100PCT_P
48	GND	48	GND
49	SETUP_P	49	SETUP_P
50	GND	50	GND

TO BK BOARD
CN211

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	GND	28	GND
29	G2_BLK_P	29	GND
30	G1_BLK_P	30	GND
31	BIAS_DRIVE_P	31	GND
32	135V_ERROR	32	GND
33	B33_U	33	A33_U
34	NC	34	A34_U
35	NC	35	A35_U
36	NC	36	A36_U
37	NC	37	A37_U
38	NC	38	A38_U
39	NC	39	A39_U
40	NC	40	NC
41	NC	41	NC
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	100PCT_P	47	100PCT_P
48	GND	48	GND
49	SETUP_P	49	SETUP_P
50	GND	50	GND

TO CA BOARD
CN213

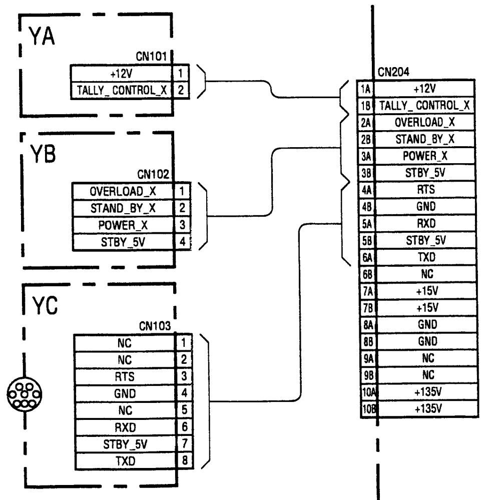
B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	GND	28	GND
29	G2_BLK_P	29	GND
30	G1_BLK_P	30	GND
31	BIAS_DRIVE_P	31	GND
32	135V_ERROR	32	GND
33	B33_U	33	A33_U
34	GND	34	GND
35	GND	35	GND
36	+6V	36	+6V
37	+6V	37	+6V
38	-6V	38	-6V
39	-6V	39	-6V
40	+15V	40	+15V
41	+15V	41	+15V
42	-15V	42	-15V
43	-15V	43	-15V
44	NC	44	NC
45	NC	45	NC
46	+135V	46	+135V
47	+135V	47	+135V
48	NC	48	NC
49	NC	49	NC
50	GND	50	GND

TO TA BOARD
CN214

A		B	
1	GND	1	GND
2	NC	2	NC
3	+135V	3	+135V
4	NC	4	NC
5	-15V	5	-15V
6	+15V	6	+15V
7	-6V	7	-6V
8	+6V	8	+6V
9	GND	9	GND
10	ABL	10	G2_CONTROL
11	GND a	11	AFC_P
12	GND b	12	V_DRIVE_P
13	GND c	13	DF_MASK_P
14	GND d	14	ASD_REF_P
15	GND e	15	CONV_PLL_H
16	GND f	16	CONV_PLL_V
17	GND g	17	H_SYNC_E
18	GND h	18	V_SYNC_E
19	5V_SENSE	19	STBY_5V
20	STBY_5V	20	STBY_5V

CN215

A		B	
1	AD0	1	D_GND
2	AD1	2	D_GND
3	AD2	3	D_GND
4	AD3	4	D_GND
5	AD4	5	D_GND
6	AD5	6	D_GND
7	AD6	7	D_GND
8	AD7	8	D_GND
9	R/W_X	9	D_GND
10	A_X/D	10	D_GND
11	RESET_X	11	D_GND
12	CLK_RW_E1	12	D_GND
13	CLK_RW_E2	13	D_GND
14	IRQ_X_E1	14	D_GND
15	IRQ_X_E2	15	D_GND



CN101

+12V	1
TALLY_ CONTROL_X	2

CN102

OVERLOAD_X	1
STAND_BY_X	2
POWER_X	3
STBY_5V	4

CN103

NC	1
NC	2
RTS	3
GND	4
NC	5
RXD	6
STBY_5V	7
TXD	8

CN204

1A	+12V
1B	TALLY_ CONTROL_X
2A	OVERLOAD_X
2B	STAND_BY_X
3A	POWER_X
3B	STBY_5V
4A	RTS
4B	GND
5A	RXD
5B	STBY_5V
6A	TXD
6B	NC
7A	+15V
7B	+15V
8A	GND
8B	GND
9A	NC
9B	NC
10A	+135V
10B	+135V

CN202

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	NC	12	NC
13	AFC_P	13	GND
14	V_DRIVE_P	14	GND
15	MASTER/SLAVE_X(NC)	15	GND
16	NC	16	GND
17	B17_D	17	A17_D
18	D_GND	18	D_GND
19	AD2	19	AD0
20	AD3	20	AD1
21	AD6	21	AD4
22	AD7	22	AD5
23	RESET_X	23	R/W_X
24	D_GND	24	A_X/D
25	D_GND	25	CLK_RW_OP1
26	D_GND	26	CLK_RW_OP2
27	D_GND	27	CLK_RW_OP3
28	D_GND	28	CLK_RW_BK
29	IRQ_X_OP2	29	IRQ_X_OP1
30	IRQ_X_BK	30	IRQ_X_OP3
31	D_GND	31	D_GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	CLK_RW_E1
44	D_GND	44	CLK_RW_E2
45	D_GND	45	IRQ_X_E1
46	D_GND	46	IRQ_X_E2
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

CN206, CN208, CN210

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	NC	12	NC
13	AFC_P	13	GND
14	V_DRIVE_P	14	GND
15	GND	15	GND
16	ASD_REF_P	16	GND
17	B17_D	17	A17_D
18	NC	18	NC
19	NC	19	NC
20	NC	20	NC
21	NC	21	NC
22	NC	22	NC
23	NC	23	NC
24	NC	24	NC
25	NC	25	NC
26	NC	26	NC
27	NC	27	NC
28	NC	28	NC
29	NC	29	NC
30	NC	30	NC
31	NC	31	NC
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	CLK_RW_OP1-3
44	D_GND	44	CLK_RW_BK
45	D_GND	45	IRQ_X_OP1-3
46	D_GND	46	IRQ_X_BK
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

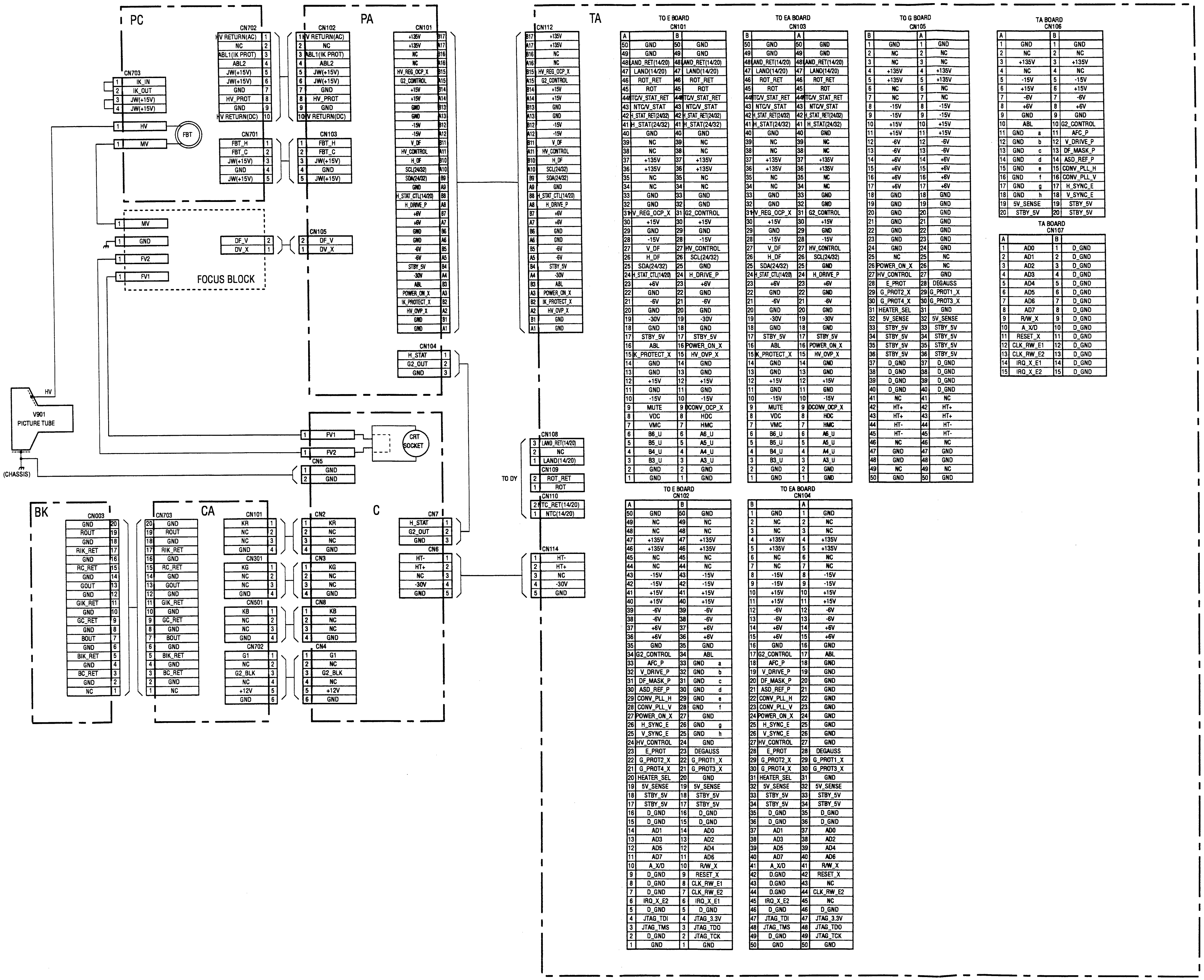
CN212

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	G2_CONTROL	12	ABL
13	AFC_P	13	GND a
14	V_DRIVE_P	14	GND b
15	DF_MASK_P	15	GND c
16	ASD_REF_P	16	GND d
17	B17_D	17	A17_D
18	GND	18	GND
19	CONV_PLL_H	19	GND e
20	CONV_PLL_V	20	GND f
21	GND	21	GND
22	GND	22	GND
23	GND	23	GND
24	GND	24	GND
25	H_SYNC_E	25	GND g
26	V_SYNC_E	26	GND h
27	GND	27	GND
28	GND	28	GND
29	GND	29	GND
30	GND	30	GND
31	GND	31	GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	NC
44	D_GND	44	CLK_RW_BK
45	D_GND	45	NC
46	D_GND	46	IRQ_X_BK
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

TB

Frame (2/2) (BVM-A20)

Frame (2/2) (BVM-A20)



PC CN703

1	IK_IN
2	IK_OUT
3	JW(+15V)
4	JW(+15V)

PC CN702 — **PA** CN102

CN702		CN102	
HV RETURN(AC)	1	1	HV RETURN(AC)
NC	2	2	NC
ABL1(IK PROT)	3	3	ABL1(IK PROT)
ABL2	4	4	ABL2
JW(+15V)	5	5	JW(+15V)
JW(+15V)	6	6	JW(+15V)
GND	7	7	GND
HV_PROT	8	8	HV_PROT
GND	9	9	GND
HV RETURN(DC)	10	10	HV RETURN(DC)

PC CN701 — **PA** CN103

CN701		CN103	
FBT_H	1	1	FBT_H
FBT_C	2	2	FBT_C
JW(+15V)	3	3	JW(+15V)
GND	4	4	GND
JW(+15V)	5	5	JW(+15V)

FOCUS BLOCK — **PA** CN105

		CN105	
DF_V	2	2	DF_V
DV_X	1	1	DV_X

PA CN101 — **TA** CN112

CN101		CN112	
+135V	B17	B17	+135V
+135V	A17	A17	+135V
NC	B16	B16	NC
NC	A16	A16	NC
HV_REG_OCP_X	B15	B15	HV_REG_OCP_X
G2_CONTROL	A15	A15	G2_CONTROL
+15V	B14	B14	+15V
+15V	A14	A14	+15V
GND	B13	B13	GND
GND	A13	A13	GND
-15V	B12	B12	-15V
-15V	A12	A12	-15V
V_DF	B11	B11	V_DF
HV_CONTROL	A11	A11	HV_CONTROL
H_DF	B10	B10	H_DF
SCL(24/32)	A10	A10	SCL(24/32)
SDA(24/32)	B9	B9	SDA(24/32)
GND	A9	A9	GND
H_STAT_CTL(14/20)	B8	B8	H_STAT_CTL(14/20)
H_DRIVE_P	A8	A8	H_DRIVE_P
+6V	B7	B7	+6V
+6V	A7	A7	+6V
GND	B6	B6	GND
GND	A6	A6	GND
-6V	B5	B5	-6V
-6V	A5	A5	-6V
STBY_5V	B4	B4	STBY_5V
-30V	A4	A4	-30V
ABL	B3	B3	ABL
POWER_ON_X	A3	A3	POWER_ON_X
IK_PROTECT_X	B2	B2	IK_PROTECT_X
HV_OVP_X	A2	A2	HV_OVP_X
GND	B1	B1	GND
GND	A1	A1	GND

PA CN104 — **C** CN7

CN104		CN7	
H_STAT	1	H_STAT	1
G2_OUT	2	G2_OUT	2
GND	3	GND	3

C CN6 — **TA** CN114

CN6		CN114	
HT-	1	1	HT-
HT+	2	2	HT+
NC	3	3	NC
-30V	4	4	-30V
GND	5	5	GND

TA CN108

3	LAND_RET(14/20)
2	NC
1	LAND(14/20)

CN109

2	ROT_RET
1	ROT

CN110

2	NTC_RET(14/20)
1	NTC(14/20)

BK CN003 — **CA** CN703

CN003		CN703	
GND	20	20	GND
ROUT	19	19	ROUT
GND	18	18	GND
RIK_RET	17	17	RIK_RET
GND	16	16	GND
RC_RET	15	15	RC_RET
GND	14	14	GND
GOUT	13	13	GOUT
GND	12	12	GND
GIK_RET	11	11	GIK_RET
GND	10	10	GND
GC_RET	9	9	GC_RET
GND	8	8	GND
BOUT	7	7	BOUT
GND	6	6	GND
BIK_RET	5	5	BIK_RET
GND	4	4	GND
BC_RET	3	3	BC_RET
GND	2	2	GND
NC	1	1	NC

CA CN101 — **C** CN2

CN101		CN2	
KR	1	1	KR
NC	2	2	NC
NC	3	3	NC
GND	4	4	GND

CA CN301 — **C** CN3

CN301		CN3	
KG	1	1	KG
NC	2	2	NC
NC	3	3	NC
GND	4	4	GND

CA CN501 — **C** CN8

CN501		CN8	
KB	1	1	KB
NC	2	2	NC
NC	3	3	NC
GND	4	4	GND

CA CN702 — **C** CN4

CN702		CN4	
G1	1	1	G1
NC	2	2	NC
G2_BLK	3	3	G2_BLK
NC	4	4	NC
+12V	5	5	+12V
GND	6	6	GND

C CN5

1	GND
2	GND

TO E BOARD
CN101

A		B	
50	GND	50	GND
49	GND	49	GND
48	LAND_RET(14/20)	48	LAND_RET(14/20)
47	LAND(14/20)	47	LAND(14/20)
46	ROT_RET	46	ROT_RET
45	ROT	45	ROT
44	NTC/V_STAT_RET	44	NTC/V_STAT_RET
43	NTC/V_STAT	43	NTC/V_STAT
42	H_STAT_RET(24/32)	42	H_STAT_RET(24/32)
41	H_STAT(24/32)	41	H_STAT(24/32)
40	GND	40	GND
39	NC	39	NC
38	NC	38	NC
37	+135V	37	+135V
36	+135V	36	+135V
35	NC	35	NC
34	NC	34	NC
33	GND	33	GND
32	GND	32	GND
31	HV_REG_OCP_X	31	G2_CONTROL
30	+15V	30	+15V
29	GND	29	GND
28	-15V	28	-15V
27	V_DF	27	HV_CONTROL
26	H_DF	26	SCL(24/32)
25	SDA(24/32)	25	GND
24	H_STAT_CTL(14/20)	24	H_DRIVE_P
23	+6V	23	+6V
22	GND	22	GND
21	-6V	21	-6V
20	GND	20	GND
19	-30V	19	-30V
18	GND	18	GND
17	STBY_5V	17	STBY_5V
16	ABL	16	POWER_ON_X
15	IK_PROTECT_X	15	HV_OVP_X
14	GND	14	GND
13	GND	13	GND
12	+15V	12	+15V
11	GND	11	GND
10	-15V	10	-15V
9	MUTE	9	DCONV_OCP_X
8	VDC	8	HDC
7	VMC	7	HMC
6	B6_U	6	A6_U
5	B5_U	5	A5_U
4	B4_U	4	A4_U
3	B3_U	3	A3_U
2	GND	2	GND
1	GND	1	GND

TO EA BOARD
CN103

B		A	
50	GND	50	GND
49	GND	49	GND
48	LAND_RET(14/20)	48	LAND_RET(14/20)
47	LAND(14/20)	47	LAND(14/20)
46	ROT_RET	46	ROT_RET
45	ROT	45	ROT
44	NTC/V_STAT_RET	44	NTC/V_STAT_RET
43	NTC/V_STAT	43	NTC/V_STAT
42	H_STAT_RET(24/32)	42	H_STAT_RET(24/32)
41	H_STAT(24/32)	41	H_STAT(24/32)
40	GND	40	GND
39	NC	39	NC
38	NC	38	NC
37	+135V	37	+135V
36	+135V	36	+135V
35	NC	35	NC
34	NC	34	NC
33	GND	33	GND
32	GND	32	GND
31	HV_REG_OCP_X	31	G2_CONTROL
30	+15V	30	+15V
29	GND	29	GND
28	-15V	28	-15V
27	V_DF	27	HV_CONTROL
26	H_DF	26	SCL(24/32)
25	SDA(24/32)	25	GND
24	H_STAT_CTL(14/20)	24	H_DRIVE_P
23	+6V	23	+6V
22	GND	22	GND
21	-6V	21	-6V
20	GND	20	GND
19	-30V	19	-30V
18	GND	18	GND
17	STBY_5V	17	STBY_5V
16	ABL	16	POWER_ON_X
15	IK_PROTECT_X	15	HV_OVP_X
14	GND	14	GND
13	GND	13	GND
12	+15V	12	+15V
11	GND	11	GND
10	-15V	10	-15V
9	MUTE	9	DCONV_OCP_X
8	VDC	8	HDC
7	VMC	7	HMC
6	B6_U	6	A6_U
5	B5_U	5	A5_U
4	B4_U	4	A4_U
3	B3_U	3	A3_U
2	GND	2	GND
1	GND	1	GND

TO G BOARD
CN105

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	+135V	4	+135V
5	+135V	5	+135V
6	NC	6	NC
7	NC	7	NC
8	-15V	8	-15V
9	-15V	9	-15V
10	+15V	10	+15V
11	+15V	11	+15V
12	-6V	12	-6V
13	-6V	13	-6V
14	+6V	14	+6V
15	+6V	15	+6V
16	+6V	16	+6V
17	+6V	17	+6V
18	GND	18	GND
19	GND	19	GND
20	GND	20	GND
21	GND	21	GND
22	GND	22	GND
23	GND	23	GND
24	GND	24	GND
25	NC	25	NC
26	POWER_ON_X	26	NC
27	HV_CONTROL	27	GND
28	E_PROT	28	DEGAUSS
29	G_PROT2_X	29	G_PROT1_X
30	G_PROT4_X	30	G_PROT3_X
31	HEATER_SEL	31	GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	STBY_5V	35	STBY_5V
36	STBY_5V	36	STBY_5V
37	D_GND	37	D_GND
38	D_GND	38	D_GND
39	D_GND	39	D_GND
40	D_GND	40	D_GND
41	NC	41	NC
42	HT+	42	HT+
43	HT+	43	HT+
44	HT-	44	HT-
45	HT-	45	HT-
46	NC	46	NC
47	GND	47	GND
48	GND	48	GND
49	NC	49	NC
50	GND	50	GND

TA BOARD
CN106

A		B	
1	GND	1	GND
2	NC	2	NC
3	+135V	3	+135V
4	NC	4	NC
5	-15V	5	-15V
6	+15V	6	+15V
7	-6V	7	-6V
8	+6V	8	+6V
9	GND	9	GND
10	ABL	10	G2_CONTROL
11	GND a	11	AFC_P
12	GND b	12	V_DRIVE_P
13	GND c	13	DF_MASK_P
14	GND d	14	ASD_REF_P
15	GND e	15	CONV_PLL_H
16	GND f	16	CONV_PLL_V
17	GND g	17	H_SYNC_E
18	GND h	18	V_SYNC_E
19	5V_SENSE	19	STBY_5V
20	STBY_5V	20	STBY_5V

TA BOARD
CN107

A		B	
1	AD0	1	D_GND
2	AD1	2	D_GND
3	AD2	3	D_GND
4	AD3	4	D_GND
5	AD4	5	D_GND
6	AD5	6	D_GND
7	AD6	7	D_GND
8	AD7	8	D_GND
9	R/W_X	9	D_GND
10	A_X/D	10	D_GND
11	RESET_X	11	D_GND
12	CLK_RW_E1	12	D_GND
13	CLK_RW_E2	13	D_GND
14	IRQ_X_E1	14	D_GND
15	IRQ_X_E2	15	D_GND

TO E BOARD
CN102

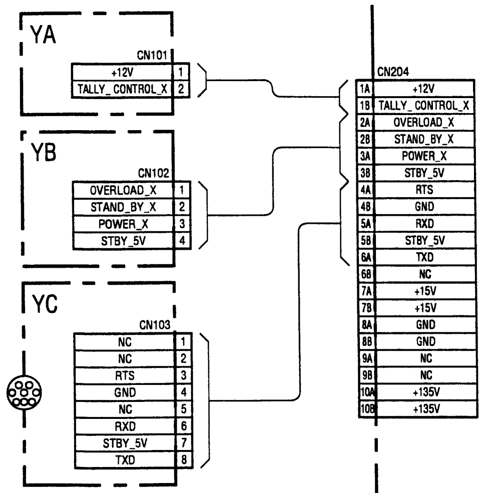
A		B	
50	GND	50	GND
49	NC	49	NC
48	NC	48	NC
47	+135V	47	+135V
46	+135V	46	+135V
45	NC	45	NC
44	NC	44	NC
43	-15V	43	-15V
42	-15V	42	-15V
41	+15V	41	+15V
40	+15V	40	+15V
39	-6V	39	-6V
38	-6V	38	-6V
37	+6V	37	+6V
36	+6V	36	+6V
35	GND	35	GND
34	G2_CONTROL	34	ABL
33	AFC_P	33	GND a
32	V_DRIVE_P	32	GND b
31	DF_MASK_P	31	GND c
30	ASD_REF_P	30	GND d
29	CONV_PLL_H	29	GND e
28	CONV_PLL_V	28	GND f
27	POWER_ON_X	27	GND
26	H_SYNC_E	26	GND g
25	V_SYNC_E	25	GND h
24	HV_CONTROL	24	GND
23	E_PROT	23	DEGAUSS
22	G_PROT2_X	22	G_PROT1_X
21	G_PROT4_X	21	G_PROT3_X
20	HEATER_SEL	20	GND
19	5V_SENSE	19	5V_SENSE
18	STBY_5V	18	STBY_5V
17	STBY_5V	17	STBY_5V
16	D_GND	16	D_GND
15	D_GND	15	D_GND
14	AD1	14	AD0
13	AD3	13	AD2
12	AD5	12	AD4
11	AD7	11	AD6
10	A_X/D	10	R/W_X
9	D_GND	9	RESET_X
8	D_GND	8	CLK_RW_E1
7	D_GND	7	CLK_RW_E2
6	IRQ_X_E2	6	IRQ_X_E1
5	D_GND	5	D_GND
4	JTAG_TDI	4	JTAG_3.3V
3	JTAG_TMS	3	JTAG_TDO
2	D_GND	2	JTAG_TCK
1	GND	1	GND

TO EA BOARD
CN104

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	+135V	4	+135V
5	+135V	5	+135V
6	NC	6	NC
7	NC	7	NC
8	-15V	8	-15V
9	-15V	9	-15V
10	+15V	10	+15V
11	+15V	11	+15V
12	-6V	12	-6V
13	-6V	13	-6V
14	+6V	14	+6V
15	+6V	15	+6V
16	GND	16	GND
17	G2_CONTROL	17	ABL
18	AFC_P	18	GND
19	V_DRIVE_P	19	GND
20	DF_MASK_P	20	GND
21	ASD_REF_P	21	GND
22	CONV_PLL_H	22	GND
23	CONV_PLL_V	23	GND
24	POWER_ON_X	24	GND
25	H_SYNC_E	25	GND
26	V_SYNC_E	26	GND
27	HV_CONTROL	27	GND
28	E_PROT	28	DEGAUSS
29	G_PROT2_X	29	G_PROT1_X
30	G_PROT4_X	30	G_PROT3_X
31	HEATER_SEL	31	GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD1	37	AD0
38	AD3	38	AD2
39	AD5	39	AD4
40	AD7	40	AD6
41	A_X/D	41	R/W_X
42	D.GND	42	RESET_X
43	D.GND	43	NC
44	D.GND	44	CLK_RW_E2
45	IRQ_X_E2	45	NC
46	D_GND	46	D_GND
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

Frame (1/2) (BVM-A24)

Frame (1/2) (BVM-A24)



CN101

+12V	1
TALLY_ CONTROL_X	2

CN102

OVERLOAD_X	1
STAND_BY_X	2
POWER_X	3
STBY_5V	4

CN103

NC	1
NC	2
RTS	3
GND	4
NC	5
RXD	6
STBY_5V	7
TXD	8

CN204

1A	+12V
1B	TALLY_ CONTROL_X
2A	OVERLOAD_X
2B	STAND_BY_X
3A	POWER_X
3B	STBY_5V
4A	RTS
4B	GND
5A	RXD
5B	STBY_5V
6A	TXD
6B	NC
7A	+15V
7B	+15V
8A	GND
8B	GND
9A	NC
9B	NC
10A	+135V
10B	+135V

TO BC BOARD
CN201

B		A	
1	GND	1	GND
2	D_GND	2	AD0
3	D_GND	3	AD1
4	D_GND	4	AD2
5	D_GND	5	AD3
6	D_GND	6	AD4
7	D_GND	7	AD5
8	D_GND	8	AD6
9	D_GND	9	AD7
10	D_GND	10	R/W_X
11	D_GND	11	A_X/D
12	D_GND	12	RESET_X
13	D_GND	13	CLK_RW
14	D_GND	14	IRQ_X
15	NC	15	NC
16	NC	16	NC
17	NC	17	NC
18	NC	18	NC
19	NC	19	NC
20	NC	20	NC
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	NC	28	+12V
29	NC	29	TALLY_CONTROL_X
30	NC	30	OVERLOAD_X
31	NC	31	STAND_BY_X
32	NC	32	POWER_X
33	NC	33	STBY_5V
34	NC	34	RTS
35	NC	35	GND
36	NC	36	RXD
37	NC	37	STBY_5V
38	NC	38	TXD
39	NC	39	NC
40	+15V	40	+15V
41	+15V	41	+15V
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	NC	47	NC
48	GND	48	GND
49	NC	49	NC
50	GND	50	GND

OPTION BOARD 1 - 3
CN205,CN207,CN209

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	NC	28	NC
29	NC	29	NC
30	NC	30	NC
31	NC	31	NC
32	NC	32	NC
33	NC	33	A33_U
34	NC	34	A34_U
35	NC	35	A35_U
36	NC	36	A36_U
37	NC	37	A37_U
38	NC	38	A38_U
39	NC	39	A39_U
40	NC	40	NC
41	NC	41	NC
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	100PCT_P	47	100PCT_P
48	GND	48	GND
49	SETUP_P	49	SETUP_P
50	GND	50	GND

TO BK BOARD
CN211

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	GND	28	GND
29	G2_BLK_P	29	GND
30	G1_BLK_P	30	GND
31	BIAS_DRIVE_P	31	GND
32	135V_ERROR	32	GND
33	B33_U	33	A33_U
34	NC	34	A34_U
35	NC	35	A35_U
36	NC	36	A36_U
37	NC	37	A37_U
38	NC	38	A38_U
39	NC	39	A39_U
40	NC	40	NC
41	NC	41	NC
42	GND	42	GND
43	GND	43	GND
44	B44_U	44	A44_U
45	B45_U	45	A45_U
46	GND	46	GND
47	100PCT_P	47	100PCT_P
48	GND	48	GND
49	SETUP_P	49	SETUP_P
50	GND	50	GND

TO CA BOARD
CN213

B		A	
1	GND	1	GND
2	NC	2	NC
3	NC	3	NC
4	NC	4	NC
5	NC	5	NC
6	NC	6	NC
7	NC	7	NC
8	NC	8	NC
9	NC	9	NC
10	NC	10	NC
11	NC	11	NC
12	NC	12	NC
13	NC	13	NC
14	NC	14	NC
15	GND	15	GND
16	PR_R	16	PR_R
17	GND	17	GND
18	Y_G	18	Y_G
19	GND	19	GND
20	PB_B	20	PB_B
21	GND	21	GND
22	H_SYNC	22	H_SYNC
23	GND	23	GND
24	V_SYNC	24	V_SYNC
25	GND	25	GND
26	VIDEO	26	VIDEO
27	B27_U	27	A27_U
28	GND	28	GND
29	G2_BLK_P	29	GND
30	G1_BLK_P	30	GND
31	BIAS_DRIVE_P	31	GND
32	135V_ERROR	32	GND
33	B33_U	33	A33_U
34	GND	34	GND
35	GND	35	GND
36	+6V	36	+6V
37	+6V	37	+6V
38	-6V	38	-6V
39	-6V	39	-6V
40	+15V	40	+15V
41	+15V	41	+15V
42	-15V	42	-15V
43	-15V	43	-15V
44	NC	44	NC
45	NC	45	NC
46	+135V	46	+135V
47	+135V	47	+135V
48	NC	48	NC
49	NC	49	NC
50	GND	50	GND

TO TA BOARD
CN214

A		B	
1	GND	1	GND
2	NC	2	NC
3	+135V	3	+135V
4	NC	4	NC
5	-15V	5	-15V
6	+15V	6	+15V
7	-6V	7	-6V
8	+6V	8	+6V
9	GND	9	GND
10	ABL	10	G2_CONTROL
11	GND a	11	AFC_P
12	GND b	12	V_DRIVE_P
13	GND c	13	DF_MASK_P
14	GND d	14	ASD_REF_P
15	GND e	15	CONV_PLL_H
16	GND f	16	CONV_PLL_V
17	GND g	17	H_SYNC_E
18	GND h	18	V_SYNC_E
19	5V_SENSE	19	STBY_5V
20	STBY_5V	20	STBY_5V

CN215

A		B	
1	AD0	1	D_GND
2	AD1	2	D_GND
3	AD2	3	D_GND
4	AD3	4	D_GND
5	AD4	5	D_GND
6	AD5	6	D_GND
7	AD6	7	D_GND
8	AD7	8	D_GND
9	R/W_X	9	D_GND
10	A_X/D	10	D_GND
11	RESET_X	11	D_GND
12	CLK_RW_E1	12	D_GND
13	CLK_RW_E2	13	D_GND
14	IRQ_X_E1	14	D_GND
15	IRQ_X_E2	15	D_GND

CN202

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	NC	12	NC
13	AFC_P	13	GND
14	V_DRIVE_P	14	GND
15	MASTER/SLAVE_X(NC)	15	GND
16	NC	16	GND
17	B17_D	17	A17_D
18	D_GND	18	D_GND
19	AD2	19	AD0
20	AD3	20	AD1
21	AD6	21	AD4
22	AD7	22	AD5
23	RESET_X	23	R/W_X
24	D_GND	24	A_X/D
25	D_GND	25	CLK_RW_OP1
26	D_GND	26	CLK_RW_OP2
27	D_GND	27	CLK_RW_OP3
28	D_GND	28	CLK_RW_BK
29	IRQ_X_OP2	29	IRQ_X_OP1
30	IRQ_X_BK	30	IRQ_X_OP3
31	D_GND	31	D_GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	CLK_RW_E1
44	D_GND	44	CLK_RW_E2
45	D_GND	45	IRQ_X_E1
46	D_GND	46	IRQ_X_E2
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

CN206, CN208, CN210

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	NC	12	NC
13	AFC_P	13	GND
14	V_DRIVE_P	14	GND
15	GND	15	GND
16	ASD_REF_P	16	GND
17	B17_D	17	A17_D
18	NC	18	NC
19	NC	19	NC
20	NC	20	NC
21	NC	21	NC
22	NC	22	NC
23	NC	23	NC
24	NC	24	NC
25	NC	25	NC
26	NC	26	NC
27	NC	27	NC
28	NC	28	NC
29	NC	29	NC
30	NC	30	NC
31	NC	31	NC
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	CLK_RW_OP1-3
44	D_GND	44	CLK_RW_BK
45	D_GND	45	IRQ_X_OP1-3
46	D_GND	46	IRQ_X_BK
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

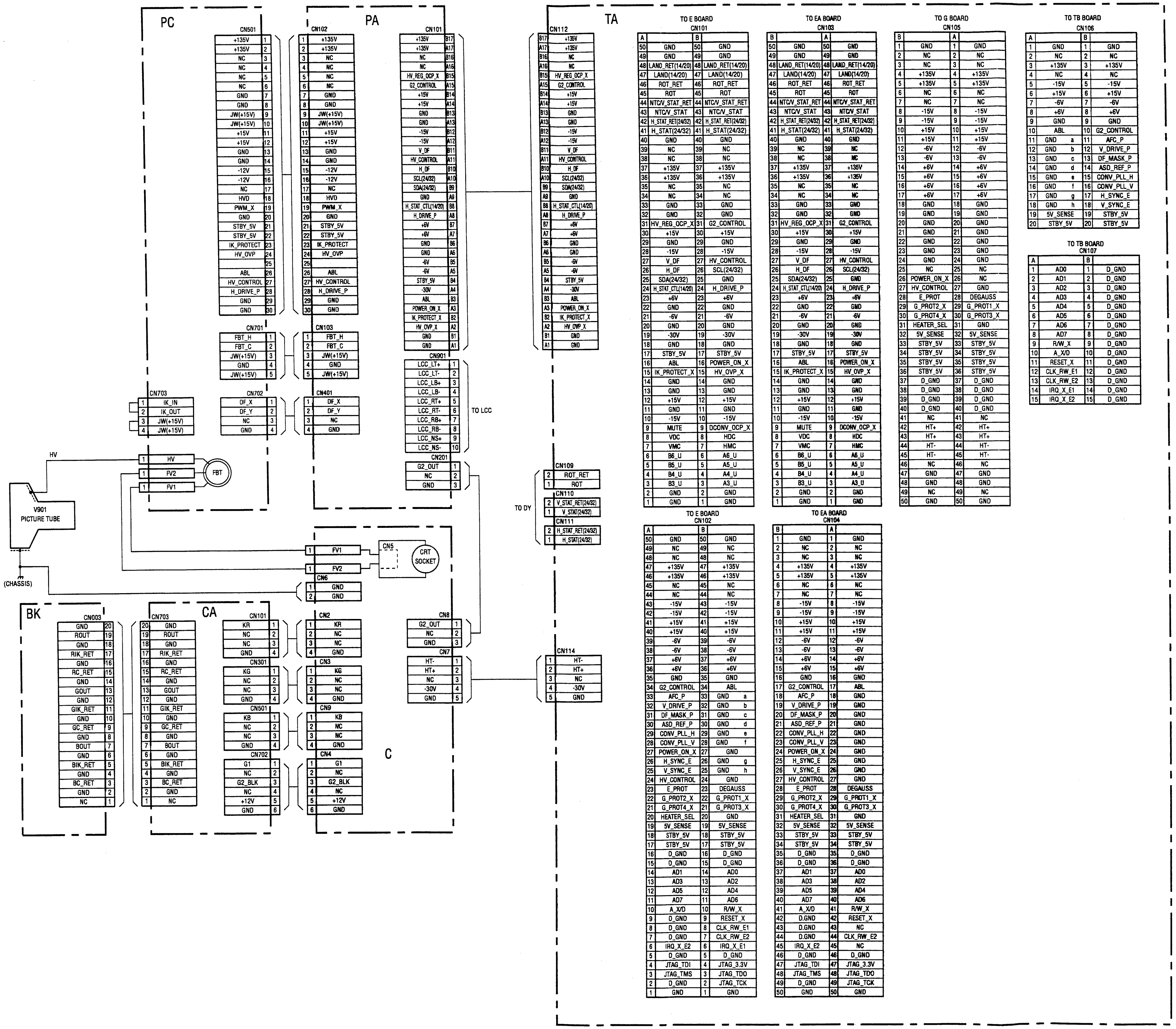
CN212

B		A	
1	GND	1	GND
2	-15V	2	-15V
3	-15V	3	-15V
4	+15V	4	+15V
5	+15V	5	+15V
6	-6V	6	-6V
7	-6V	7	-6V
8	+6V	8	+6V
9	+6V	9	+6V
10	GND	10	GND
11	GND	11	GND
12	G2_CONTROL	12	ABL
13	AFC_P	13	GND a
14	V_DRIVE_P	14	GND b
15	DF_MASK_P	15	GND c
16	ASD_REF_P	16	GND d
17	B17_D	17	A17_D
18	GND	18	GND
19	CONV_PLL_H	19	GND e
20	CONV_PLL_V	20	GND f
21	GND	21	GND
22	GND	22	GND
23	GND	23	GND
24	GND	24	GND
25	H_SYNC_E	25	GND g
26	V_SYNC_E	26	GND h
27	GND	27	GND
28	GND	28	GND
29	GND	29	GND
30	GND	30	GND
31	GND	31	GND
32	5V_SENSE	32	5V_SENSE
33	STBY_5V	33	STBY_5V
34	STBY_5V	34	STBY_5V
35	D_GND	35	D_GND
36	D_GND	36	D_GND
37	AD2	37	AD0
38	AD3	38	AD1
39	AD6	39	AD4
40	AD7	40	AD5
41	RESET_X	41	R/W_X
42	D_GND	42	A_X/D
43	D_GND	43	NC
44	D_GND	44	CLK_RW_BK
45	D_GND	45	NC
46	D_GND	46	IRQ_X_BK
47	JTAG_TDI	47	JTAG_3.3V
48	JTAG_TMS	48	JTAG_TDO
49	D_GND	49	JTAG_TCK
50	GND	50	GND

TB

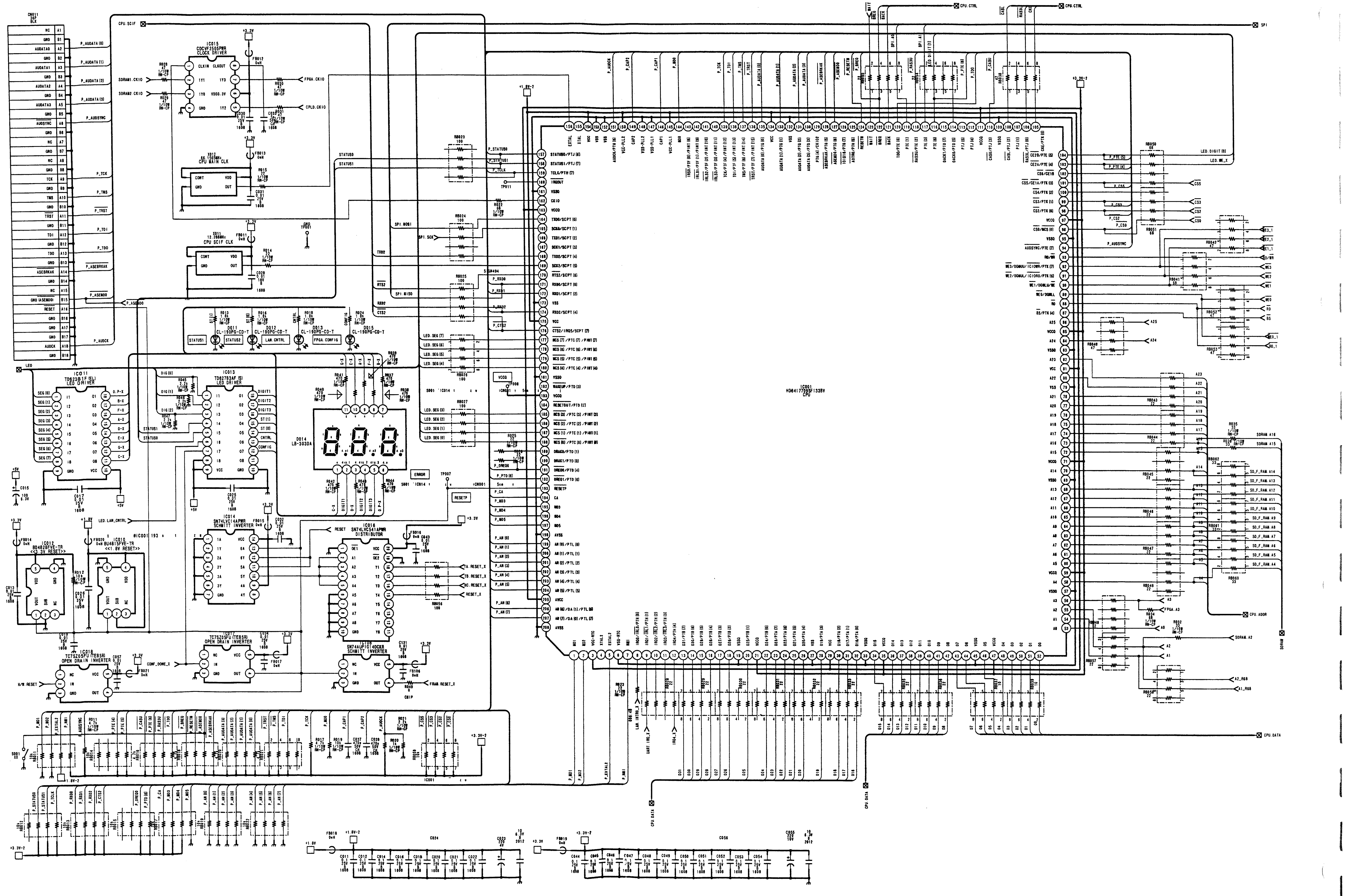
Frame (2/2) (BVM-A24)

Frame (2/2) (BVM-A24)


PC
CN501
CN701
CN702
CN703
PA
CN102
CN101
CN103
CN401
CN901
CN201
TO LCC
TA
CN112
TO E BOARD CN101
TO EA BOARD CN103
TO G BOARD CN105
TO TB BOARD CN106
TO TB BOARD CN107
TO E BOARD CN102
TO EA BOARD CN104
CN109
CN110
CN111
TO DY
CN114
HV
FV2
FV1
FBT
V901 PICTURE TUBE
(CHASSIS)
CN5
CRT SOCKET
CN6
BK
CN003
CA
CN703
CN101
CN301
CN501
CN702
CN2
CN3
CN9
CN4
C
CN8
CN7
1
2
3
4
5

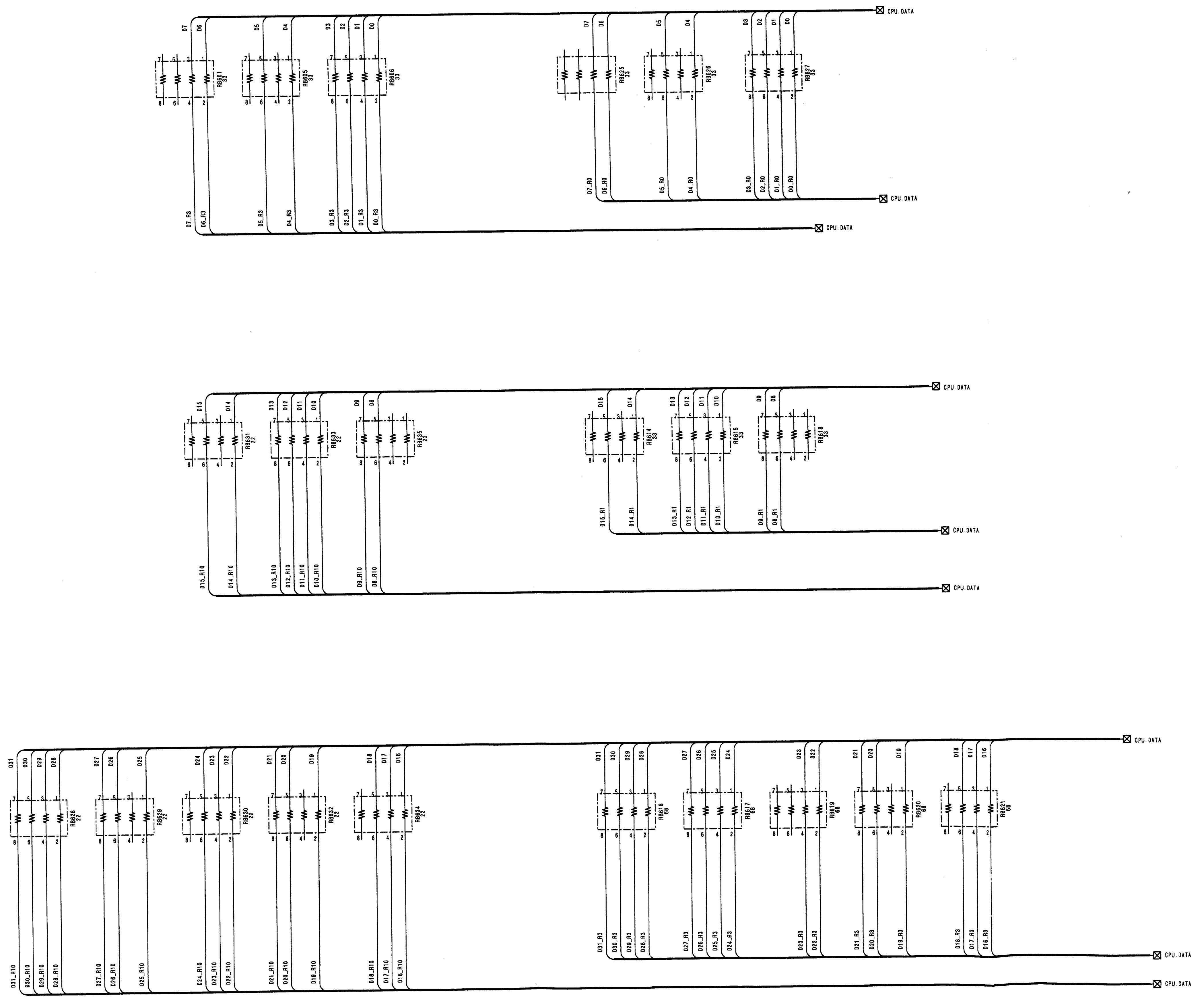
BC (1/7)

BC (1/7)


CN011
CPU.SCIF
IC015
CDCVF2505PWR
CLOCK DRIVER
X012
66.1666MHz
CPU MAIN CLK
X011
12.288MHz
CPU SCIF CLK
IC011
TD62381F (EL)
LED DRIVER
IC013
TD62783AF (S)
LED DRIVER
D014
LB-303DA
D011
D012
D013
D015
CL-190PG-CD-T
STATUS1
STATUS2
LAN.CNTRL
FPGA.CONFIG
ERROR
RESETP
IC014
SN74LVC14APWR
SCHMITT INVERTER
IC016
SN74LVC541APWR
DISTRIBUTOR
IC012
BD4828FVE-TR
<<3.3V RESET>>
IC010
BD4815FVE-TR
<<1.8V RESET>>
IC018
TC7SZ05FU (TE85R)
OPEN DRAIN INVERTER
IC017
TC7SZ05FU (TE85R)
OPEN DRAIN INVERTER
IC019
SN74AUP1G14DCKR
SCHMITT INVERTER
IC001
HD6417709SF133BV
CPU
CPU.CTRL
SPI
CPU.ADDR
CPU.DATA
SDRAM
+3.3V
+1.8V
+1.8V-2
+3.3V-2
+5V
H/W.RESET
FRAM.RESET_X
A.RESET_X
B.RESET_X
C.RESET_X
RESET_X
LED.LAN.CNTRL
LED
SDRAM1.CK10
SDRAM2.CK10
FPGA.CK10
CPLD.CK10
S001
C024
C056
1
2
3
4
5
A
B
C
D
E
F
G
H

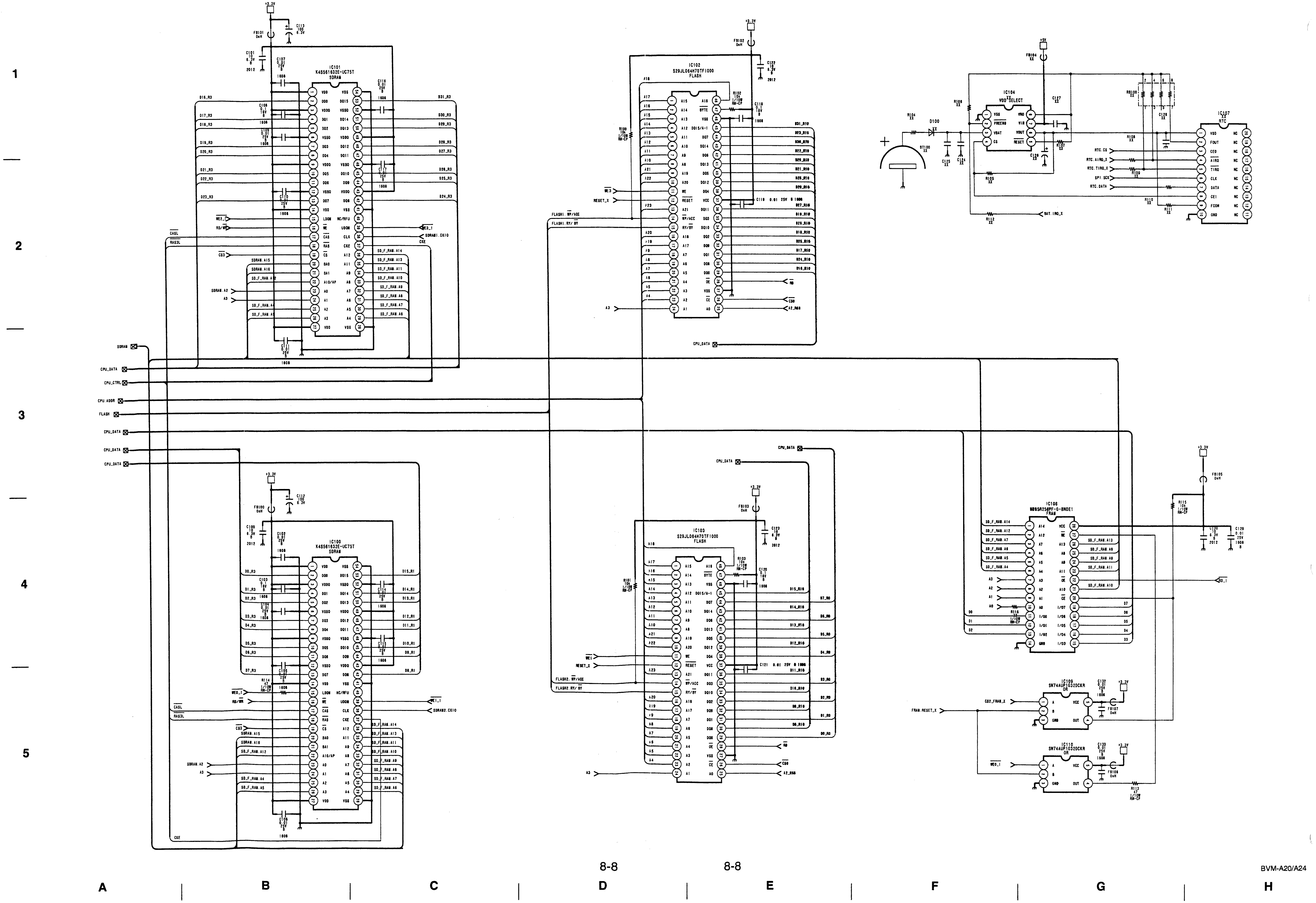
8-6

BC (2/7)


CPU DATA
R8601 33
R8605 33
R8606 33
R8625 33
R8626 33
R8627 33
D7
D6
D5
D4
D3
D2
D1
D0
D7_R3
D6_R3
D5_R3
D4_R3
D3_R3
D2_R3
D1_R3
D0_R3
D7_R0
D6_R0
D5_R0
D4_R0
D3_R0
D2_R0
D1_R0
D0_R0
R8631 22
R8633 22
R8635 22
R8614 33
R8615 33
R8618 33
D15_R10
D14_R10
D13_R10
D12_R10
D11_R10
D10_R10
D9_R10
D8_R10
D15_R1
D14_R1
D13_R1
D12_R1
D11_R1
D10_R1
D9_R1
D8_R1
R8628 22
R8629 22
R8630 22
R8632 22
R8634 22
R8616 68
R8617 68
R8619 68
R8620 68
R8621 68
1
2
3
4
5
A
B
C
D
E
F
G
H

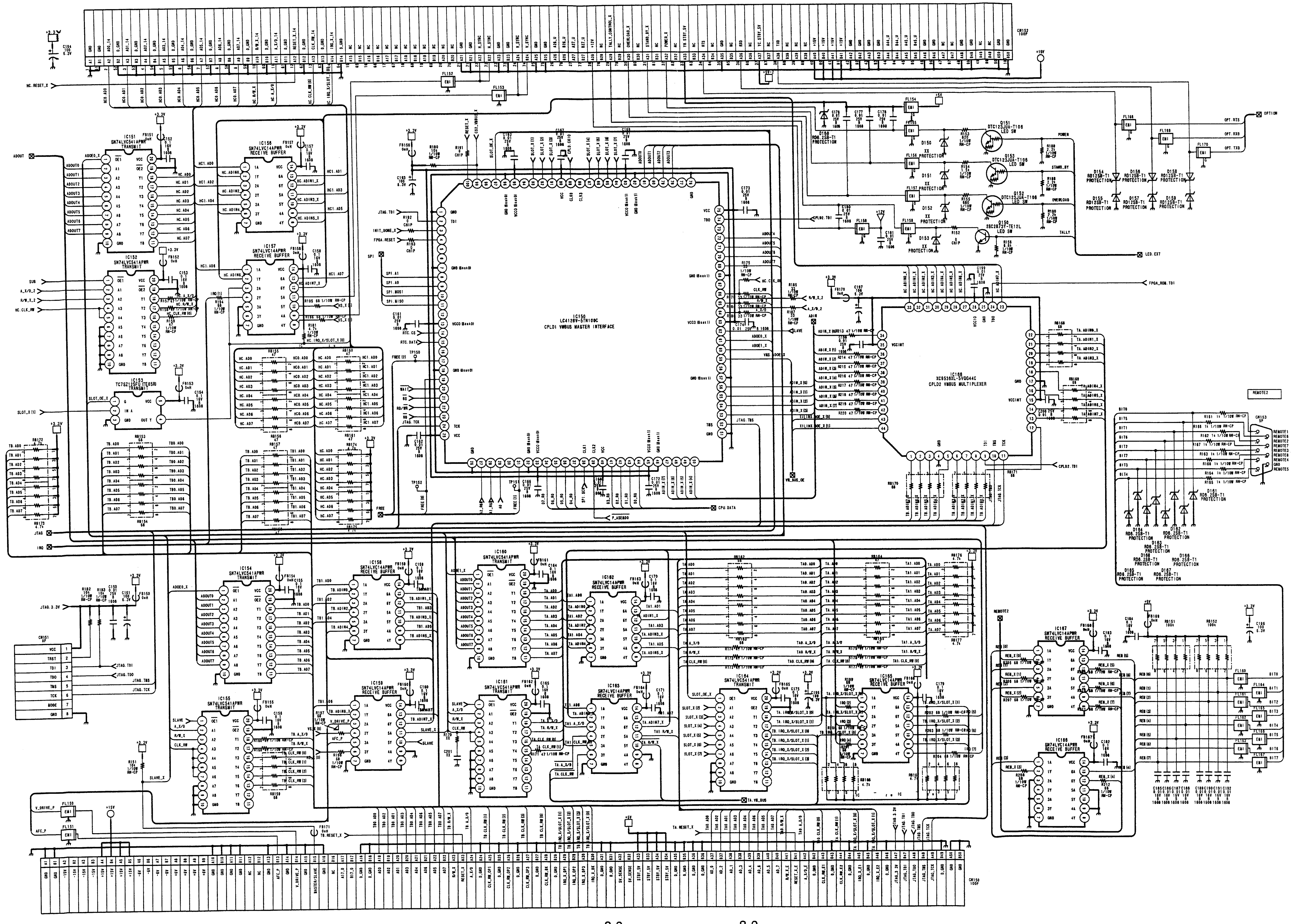
8-7

BC (3/7)

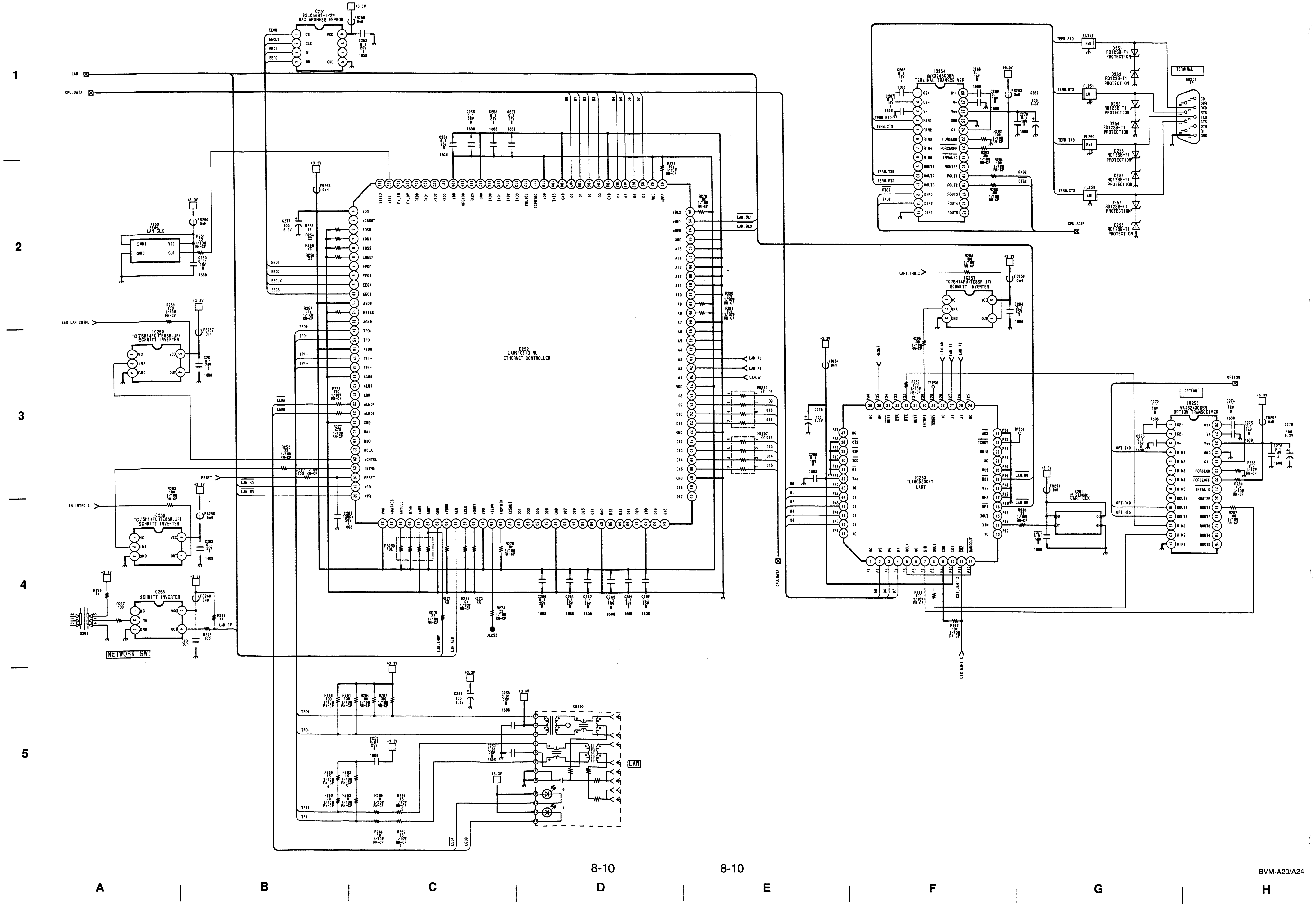

IC101
K4S561632E-UC75T
SDRAM
IC100
K4S561632E-UC75T
SDRAM
IC102
S29JL064H70TFI000
FLASH
IC103
S29JL064H70TFI000
FLASH
IC104
VDD SELECT
IC107
RTC
IC106
MB85R256PF-G-BNDE1
FRAM
IC109
SN74AUP1G32DCKR
OR
IC110
SN74AUP1G32DCKR
OR
D100
BT100
SDRAM
CPU_DATA
CPU_CTRL
CPU_ADDR
FLASH
FLASH1.WP/ACC
FLASH1.RY/BY
FLASH2.WP/ACC
FLASH2.RY/BY
RESET_X
FRAM.RESET_X
BAT.IRQ_X
RTC.CS
RTC.AIRQ_X
RTC.TIRQ_X
SPI.SCK
RTC.DATA
+3.3V
+5V
1
2
3
4
5
A
B
C
D
E
F
G
H

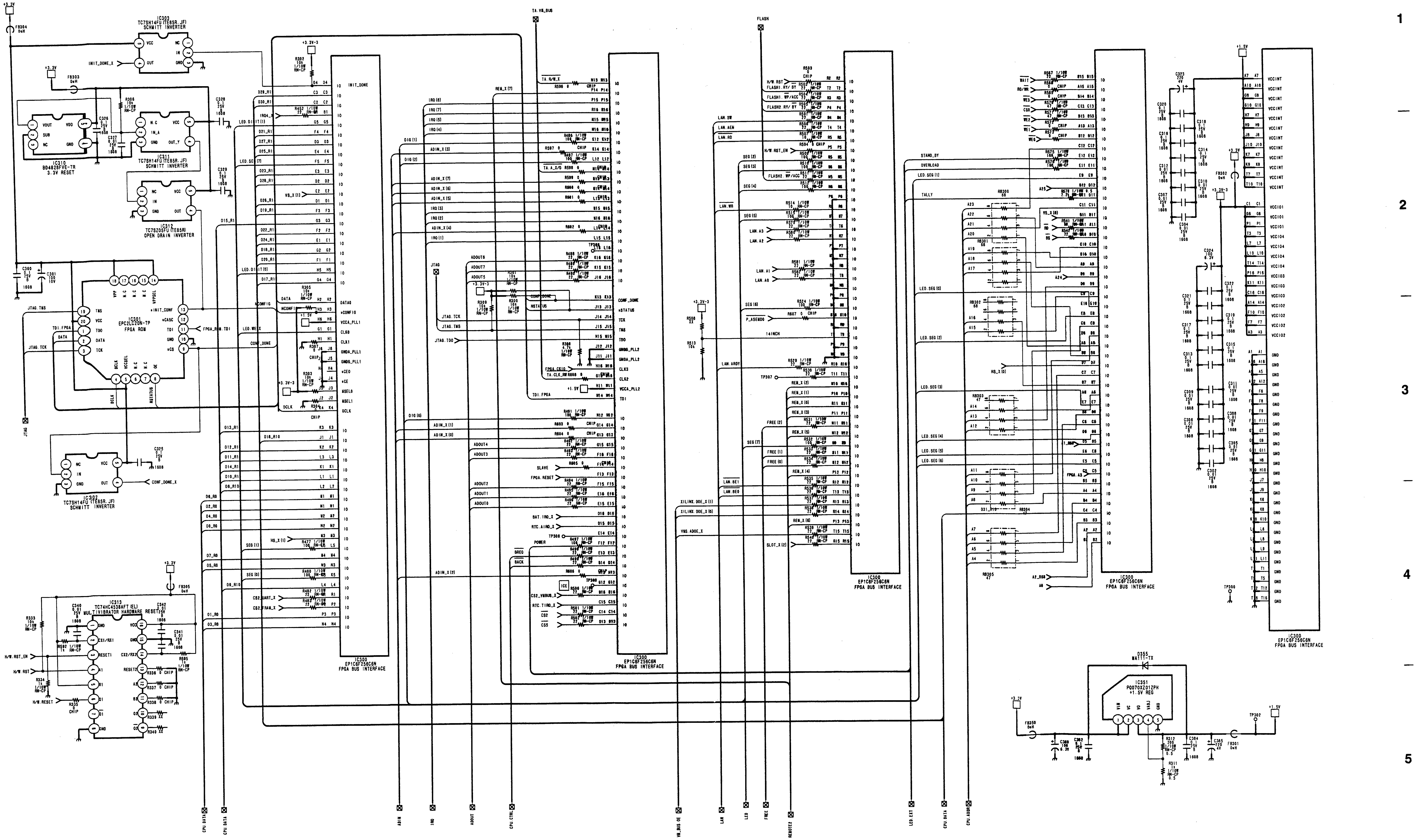
8-8

BC (4/7)

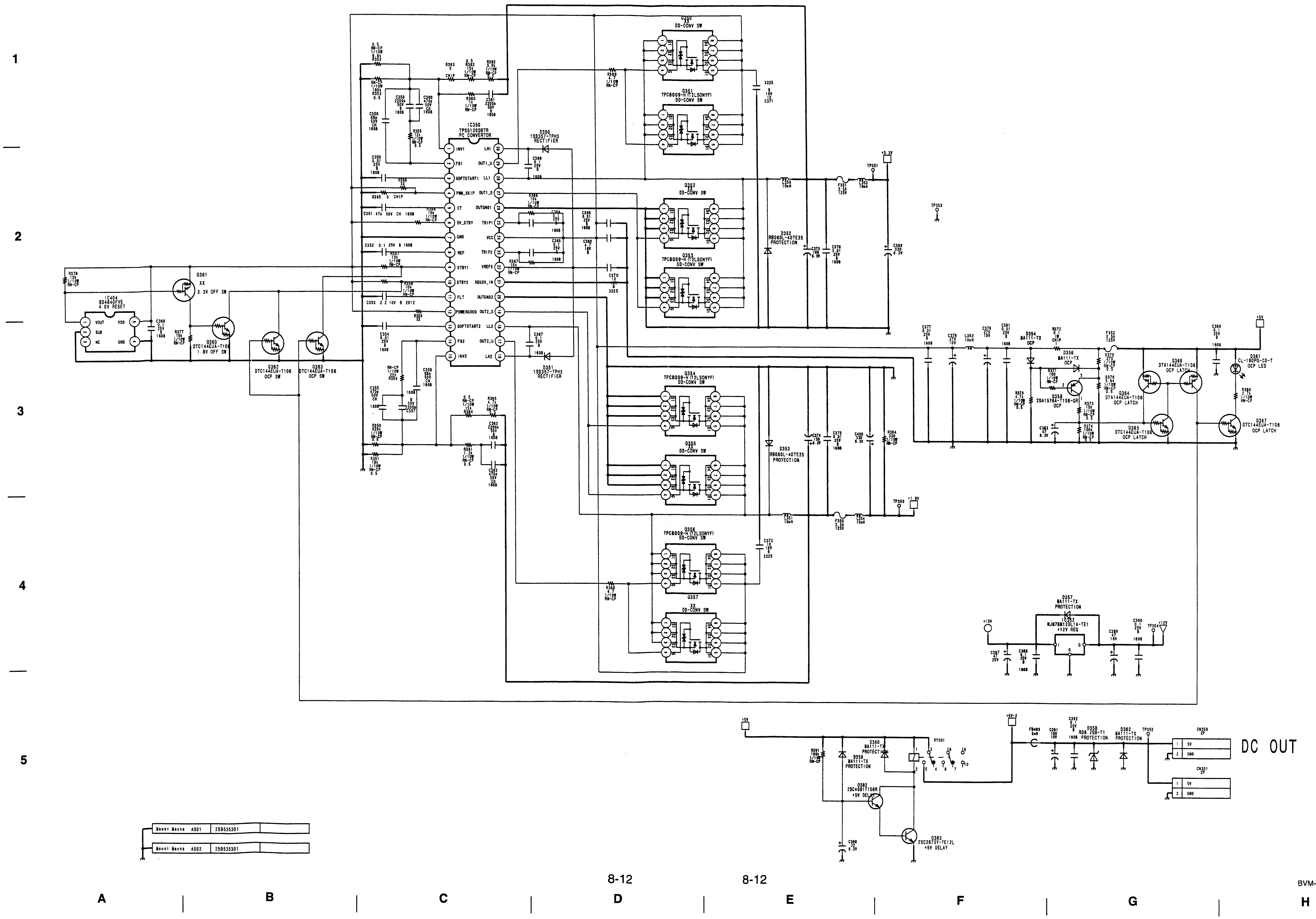

CN152 100P
IC150 LC4128V-27T100C CPLD1 VMBUS MASTER INTERFACE
IC168 XC9536XL-5VQG44C CPLD2 VMBUS MULTIPLEXER
IC151 SN74LVC541APWR TRANSMIT
IC152 SN74LVC541APWR TRANSMIT
IC153 TC7SZ125FU(TE85R) TRANSMIT
IC154 SN74LVC541APWR TRANSMIT
IC155 SN74LVC541APWR TRANSMIT
IC156 SN74LVC14APWR RECEIVE BUFFER
IC157 SN74LVC14APWR RECEIVE BUFFER
IC158 SN74LVC14APWR RECEIVE BUFFER
IC159 SN74LVC14APWR RECEIVE BUFFER
IC160 SN74LVC541APWR TRANSMIT
IC161 SN74LVC541APWR TRANSMIT
IC162 SN74LVC14APWR RECEIVE BUFFER
IC163 SN74LVC14APWR RECEIVE BUFFER
IC164 SN74LVC541APWR TRANSMIT
IC165 SN74LVC14APWR RECEIVE BUFFER
IC166 SN74LVC14APWR RECEIVE BUFFER
IC167 SN74LVC14APWR RECEIVE BUFFER
Q151 DTC123JUA-T106 LED SW
Q152 DTC123JUA-T106 LED SW
Q153 DTC123JUA-T106 LED SW
Q154 2SC2873Y-TE12L LED SW
CN151 8P
CN153 9P
CN150 100P
ADOUT
SLOT_X(1)
JTAG
IRQ
FREE
CPU DATA
VE_BUS_OE
TA_VE_BUS
OPTION
LED_EXT
FPGA_RDB_TDI
REMOTE2
V_DRIVE_P
AFC_P
+3.3V
+15V
+5V
1
2
3
4
5
A
B
C
D
E
F
G
H

8-9


IC251
93LC46BT-1/SN
MAC ADDRESS EEPROM
IC252
LAN91C113-NU
ETHERNET CONTROLLER
IC253
TL16C550CPT
UART
IC254
MAX3243CDBR
TERMINAL TRANSCEIVER
IC255
MAX3243CDBR
OPTION TRANSCEIVER
IC250
TC7SH14FU(TE85R.JF)
SCHMITT INVERTER
IC256
TC7SH14FU(TE85R.JF)
SCHMITT INVERTER
IC257
TC7SH14FU(TE85R.JF)
SCHMITT INVERTER
IC258
SCHMITT INVERTER
X250
25MHz
LAN CLK
X251
12.288MHz
UART CLK
CN250
LAN
CN251
9P
TERMINAL
OPTION
NETWORK SW
S201
LAN
CPU.DATA
LED.LAN.CNTRL
LAN.INTRQ_X
LAN.SW
RESET
UART.IRQ_X
CPU.SCIF
TERM.RXD
TERM.RTS
TERM.TXD
TERM.CTS
OPT.TXD
OPT.RXD
OPT.RTS
CS2.UART_X
JL252
+3.3V
1
2
3
4
5
A
B
C
D
E
F
G
H

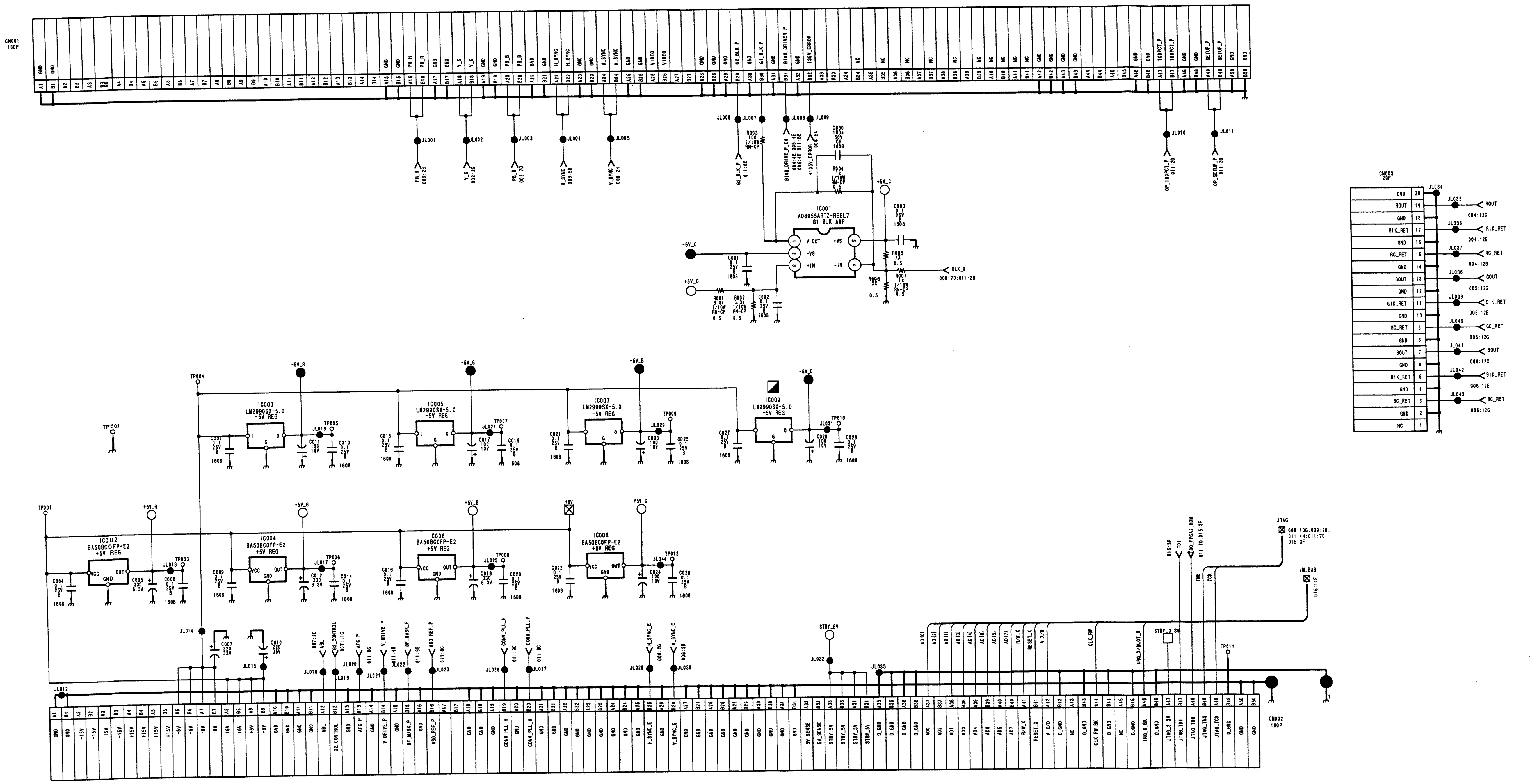

IC303
TC7SH14FU(TE85R,JF)
SCHMITT INVERTER
IC310
BD4828FVE-TR
3.3V RESET
IC311
TC7SH14FU(TE85R,JF)
SCHMITT INVERTER
IC312
TC7SZ05FU(TE85R)
OPEN DRAIN INVERTER
IC301
EPC2LC20N-TP
FPGA ROM
IC302
TC7SH14FU(TE85R,JF)
SCHMITT INVERTER
IC313
TC74HC4538AFT(EL)
MULTIVIBRATOR HARDWARE RESET
IC300
EP1C6F256C6N
FPGA BUS INTERFACE
IC351
PQ070XZ01ZPH
+1.5V REG
D355
MA111-TX
+3.3V
+1.5V
TA.VB_BUS
FLASH
JTAG
CPU DATA
CPU DATA
ADIN
IRQ
ADOUT
CPU CTRL
VB_BUS OE
LAN
LED
FREE
REMOTE2
LED EXT
CPU DATA
CPU ADDR
1
2
3
4
5

BC (7/7)


1
2
3
4
5
IC350
TPS5120DBTR
PC CONVERTOR
INV1
FB1
SOFTSTART1
PWM_SKIP
CT
5V_STBY
GND
REF
STBY1
STBY2
FLT
POWERGOOD
SOFTSTART2
FB2
INV2
LH1
OUT1_U
LL1
OUT1_D
OUTGND1
TRIP1
VCC
TRIP2
VREF5
REG5V_IN
OUTGND2
OUT2_D
LL2
OUT2_U
LH2
IC404
BD4840FVE
4.0V RESET
VOUT
VDD
SUB
NC
GND
Q361
XX
3.3V OFF SW
Q360
DTC144EUA-T106
1.8V OFF SW
Q362
DTC144EUA-T106
OCP SW
Q363
DTC144EUA-T106
OCP SW
D350
1SS357-TPH3
RECTIFIER
D351
1SS357-TPH3
RECTIFIER
Q350
XX
DD-CONV SW
Q351
TPC8009-H(T2LSONYF)
DD-CONV SW
Q352
XX
DD-CONV SW
Q353
TPC8009-H(T2LSONYF)
DD-CONV SW
Q354
TPC8009-H(T2LSONYF)
DD-CONV SW
Q355
XX
DD-CONV SW
Q356
TPC8009-H(T2LSONYF)
DD-CONV SW
Q357
XX
DD-CONV SW
D352
RB060L-40TE25
PROTECTION
D353
RB060L-40TE25
PROTECTION
+3.3V
TP351
TP353
TP350
+1.8V
+5V
D354
MA111-TX
OCP
D356
MA111-TX
OCP
Q358
2SA1576A-T106-QR
OCP
Q364
DTA144EUA-T106
OCP LATCH
Q365
DTC144EUA-T106
OCP LATCH
Q366
DTA144EUA-T106
OCP LATCH
Q367
DTC144EUA-T106
OCP LATCH
D361
CL-190PG-CD-T
OCP LED
D357
MA111-TX
PROTECTION
IC352
NJM78M12DL1A-TE1
+12V REG
+15V
TP354
+12V
+5V
RY301
D360
MA111-TX
PROTECTION
D359
MA111-TX
PROTECTION
Q382
2SC4081T106R
+5V DELAY
Q383
2SC2873Y-TE12L
+5V DELAY
+5V-2
FB403
D358
RD6.2SB-T1
PROTECTION
D362
MA111-TX
PROTECTION
TP352
CN350
2P
CN351
2P
5V
GND
DC OUT
Mount Mecha A001 259535301
Mount Mecha A002 259535301
A
B
C
D
E
F
G
H

8-12

BK (1/15)


CN001
100P
CN002
100P
CN003
20P
IC001
AD8055ARTZ-REEL7
G1 BLK AMP
V OUT
-VS
+IN
+VS
-IN
IC002
BA50BC0FP-E2
+5V REG
IC003
LM2990SX-5.0
-5V REG
IC004
BA50BC0FP-E2
+5V REG
IC005
LM2990SX-5.0
-5V REG
IC006
BA50BC0FP-E2
+5V REG
IC007
LM2990SX-5.0
-5V REG
IC008
BA50BC0FP-E2
+5V REG
IC009
LM2990SX-5.0
-5V REG
-5V_R
-5V_G
-5V_B
-5V_C
+5V_R
+5V_G
+5V_B
+5V_C
+8V
STBY_5V
STBY_3.3V
JTAG
VM_BUS
BLK_X
008:7D:011:2B
G2_BLK_P
BIAS_DRIVE_P_CA
+135V_ERROR
PR_R
Y_G
PB_B
H_SYNC
V_SYNC
OP_100PCT_P
OP_SETUP_P
GND 20
ROUT 19
GND 18
R1K_RET 17
GND 16
RC_RET 15
GND 14
GOUT 13
GND 12
G1K_RET 11
GND 10
GC_RET 9
GND 8
BOUT 7
GND 6
B1K_RET 5
GND 4
BC_RET 3
GND 2
NC 1

1

2

3

4

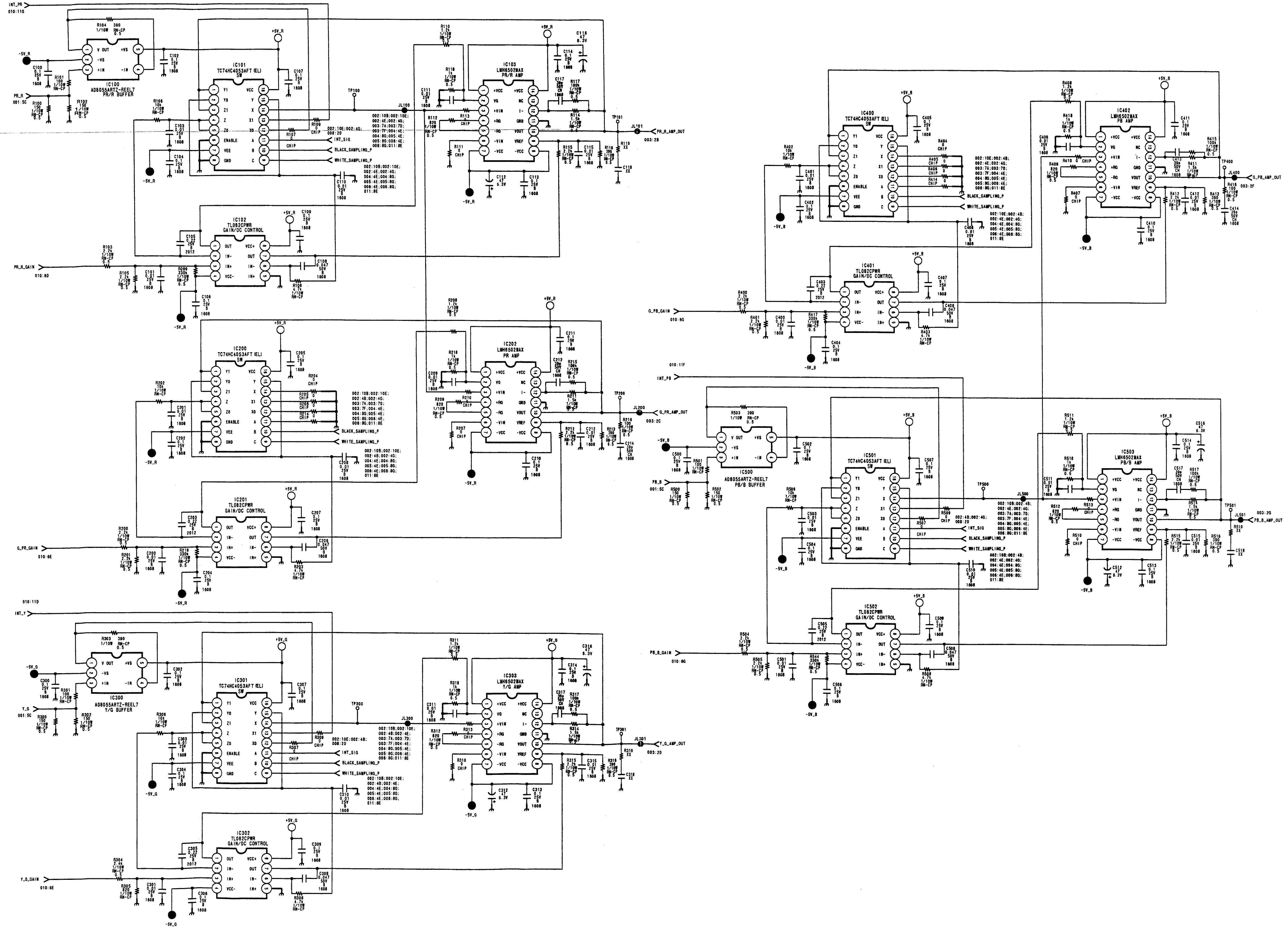
5

BVM-A20/A24

8-13

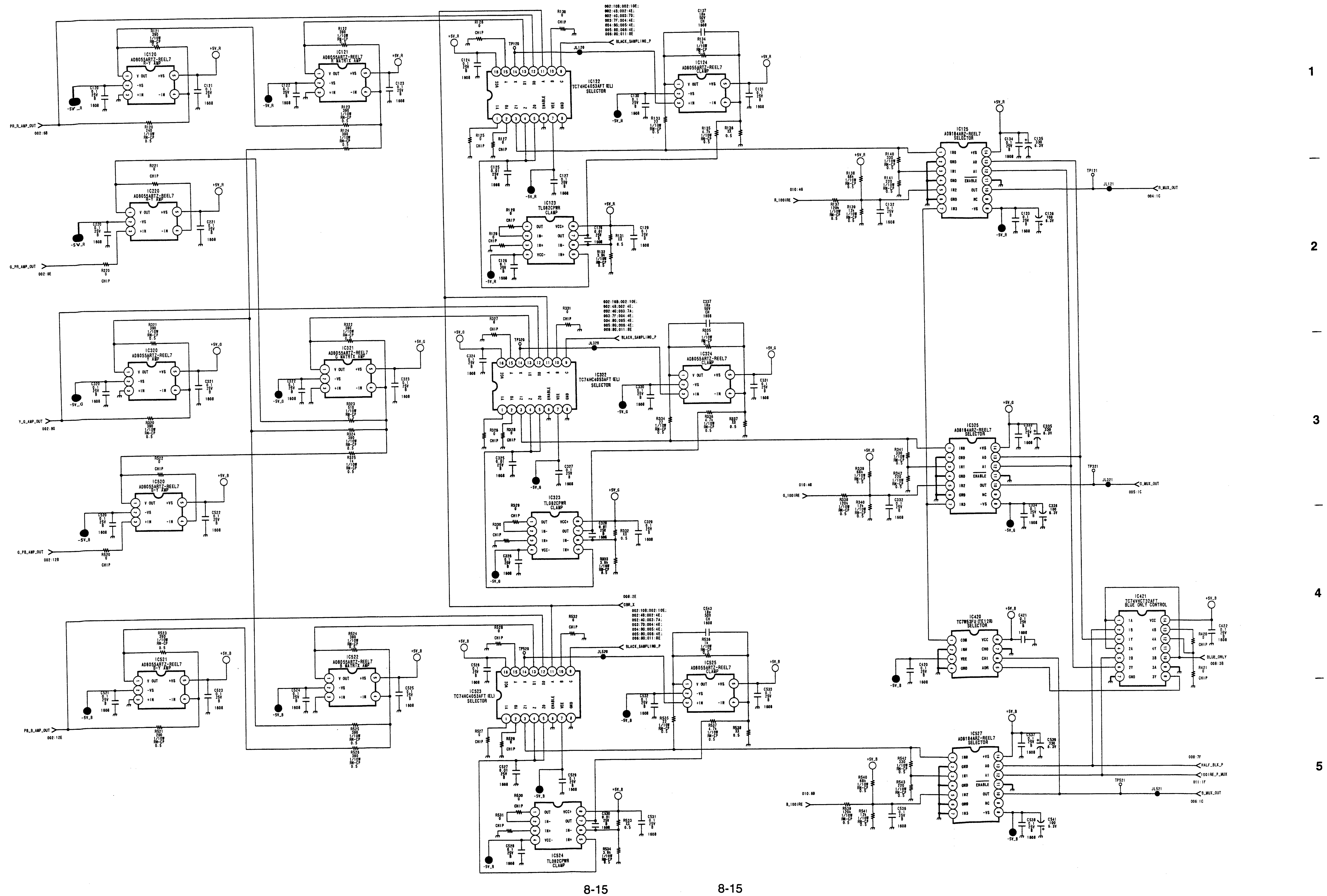
A B C D E F G H

BK (2/15)


1
2
3
4
5
INT_PR
PR_R
PR_R_GAIN
IC100
AD8055ARTZ-REEL7
PR/R BUFFER
IC101
TC74HC4053AFT (EL)
SW
IC102
TL082CPWR
GAIN/DC CONTROL
IC103
LMH6502MAX
PR/R AMP
PR_R_AMP_OUT
IC200
TC74HC4053AFT (EL)
SW
IC201
TL082CPWR
GAIN/DC CONTROL
G_PR_GAIN
IC202
LMH6502MAX
PR AMP
G_PR_AMP_OUT
INT_Y
Y_G
IC300
AD8055ARTZ-REEL7
Y/G BUFFER
IC301
TC74HC4053AFT (EL)
SW
IC302
TL082CPWR
GAIN/DC CONTROL
Y_G_GAIN
IC303
LMH6502MAX
Y/G AMP
Y_G_AMP_OUT
IC400
TC74HC4053AFT (EL)
SW
IC401
TL082CPWR
GAIN/DC CONTROL
G_PB_GAIN
IC402
LMH6502MAX
PB AMP
G_PB_AMP_OUT
INT_PB
PB_B
IC500
AD8055ARTZ-REEL7
PB/B BUFFER
IC501
TC74HC4053AFT (EL)
SW
IC502
TL082CPWR
GAIN/DC CONTROL
PB_B_GAIN
IC503
LMH6502MAX
PB/B AMP
PB_B_AMP_OUT
INT_SIG
BLACK_SAMPLING_P
WHITE_SAMPLING_P
A
B
C
D
E
F
G
H

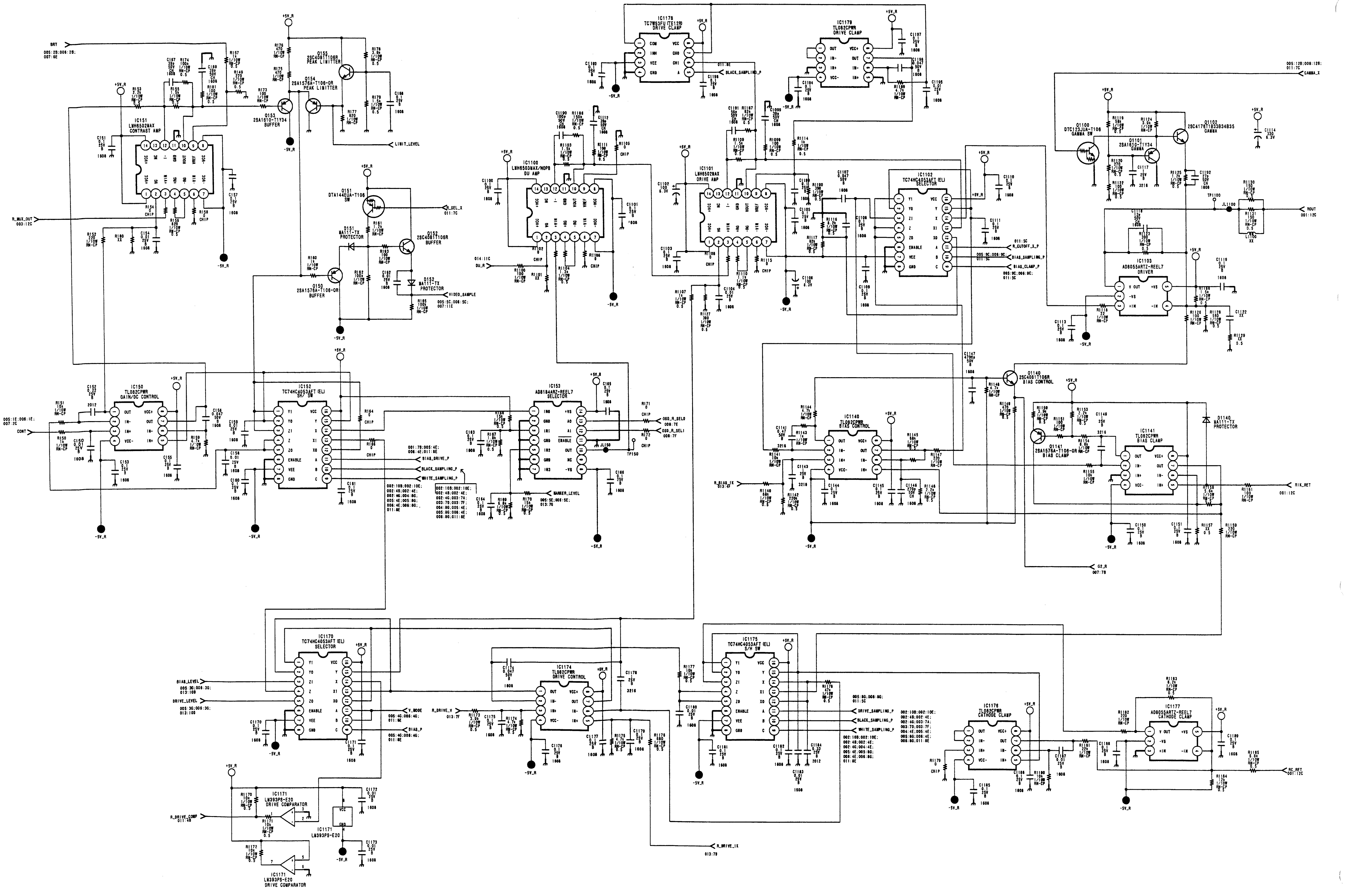
8-14

BK (3/15)


IC120 AD8055ARTZ-REEL7 R-Y AMP
IC121 AD8055ARTZ-REEL7 R MATRIX AMP
IC122 TC74HC4053AFT (EL) SELECTOR
IC124 AD8055ARTZ-REEL7 CLAMP
IC123 TL082CPWR CLAMP
IC125 AD8184ARZ-REEL7 SELECTOR
IC220 AD8055ARTZ-REEL7 R-Y AMP
IC320 AD8055ARTZ-REEL7 Y AMP
IC321 AD8055ARTZ-REEL7 G MATRIX AMP
IC322 TC74HC4053AFT (EL) SELECTOR
IC324 AD8055ARTZ-REEL7 CLAMP
IC323 TL082CPWR CLAMP
IC325 AD8184ARZ-REEL7 SELECTOR
IC520 AD8055ARTZ-REEL7 B-Y AMP
IC521 AD8055ARTZ-REEL7 B-Y AMP
IC522 AD8055ARTZ-REEL7 B MATRIX AMP
IC523 TC74HC4053AFT (EL) SELECTOR
IC525 AD8055ARTZ-REEL7 CLAMP
IC524 TL082CPWR CLAMP
IC527 AD8184ARZ-REEL7 SELECTOR
IC420 TC7W53FU (TE12R) SELECTOR
IC421 TC74VHCT32AFT BLUE ONLY CONTROL
PR_R_AMP_OUT 002:5B
G_PR_AMP_OUT 002:5E
Y_G_AMP_OUT 002:9D
G_PB_AMP_OUT 002:12B
PB_B_AMP_OUT 002:12E
BLACK_SAMPLING_P
CBR_X 008:2E
R_100IRE 010:4D
G_100IRE 010:4D
B_100IRE 010:4D
R_MUX_OUT 004:1C
G_MUX_OUT 005:1C
B_MUX_OUT 006:1C
HALF_BLK_P 008:7F
100IRE_P_MUX 011:1F
BLUE_ONLY 008:3B
TP120
JL120
TP121
JL121
TP320
JL320
TP321
JL321
TP520
JL520
TP521
JL521
+5V_R
-5V_R
+5V_G
-5V_G
+5V_B
-5V_B
1
2
3
4
5
A
B
C
D
E
F
G
H

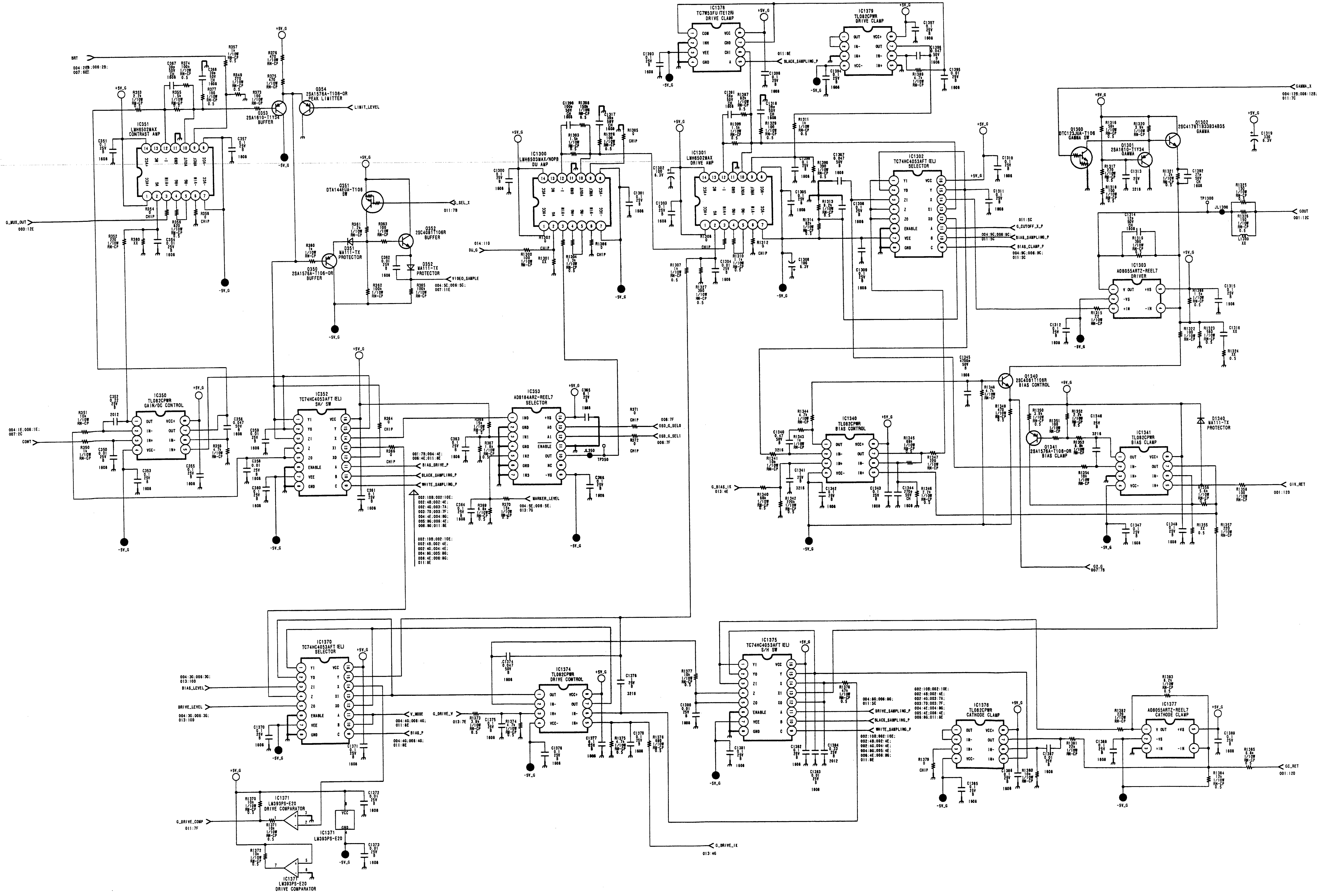
8-15

BK (4/15)


IC1178
TC7W53FU (TE12R)
DRIVE CLAMP
IC1179
TL082CPWR
DRIVE CLAMP
IC151
LMH6502MAX
CONTRAST AMP
Q153
2SA1610-T1Y34
BUFFER
Q155
2SC4081T106R
PEAK LIMITTER
Q154
2SA1576A-T106-QR
PEAK LIMITTER
Q151
DTA144EUA-T106
SW
D151
MA111-TX
PROTECTOR
Q152
2SC4081T106R
BUFFER
D152
MA111-TX
PROTECTOR
Q150
2SA1576A-T106-QR
BUFFER
IC1100
LMH6503MAX/NOPB
DU AMP
IC1101
LMH6502MAX
DRIVE AMP
IC1102
TC74HC4053AFT (EL)
SELECTOR
Q1100
DTC123JUA-T106
GAMMA SW
Q1101
2SA1610-T1Y34
GAMMA
Q1102
2SC4176T1B33B34B35
GAMMA
IC1103
AD8055ARTZ-REEL7
DRIVER
IC150
TL082CPWR
GAIN/DC CONTROL
IC152
TC74HC4053AFT (EL)
S/H SW
IC153
ADG1804ARZ-REEL7
SELECTOR
Q1140
2SC4081T106R
BIAS CONTROL
IC1140
TL082CPWR
BIAS CONTROL
Q1141
2SA1576A-T106-QR
BIAS CLAMP
IC1141
TL082CPWR
BIAS CLAMP
D1140
MA111-TX
PROTECTOR
IC1170
TC74HC4053AFT (EL)
SELECTOR
IC1174
TL082CPWR
DRIVE CONTROL
IC1175
TC74HC4053AFT (EL)
S/H SW
IC1176
TL082CPWR
CATHODE CLAMP
IC1177
AD8055ARTZ-REEL7
CATHODE CLAMP
IC1171
LM393PS-E20
DRIVE COMPARATOR
BRT
R_MUX_OUT
LIMIT_LEVEL
R_SEL_X
VIDEO_SAMPLE
CONT
BIAS_DRIVE_P
BLACK_SAMPLING_P
WHITE_SAMPLING_P
BLANKER_LEVEL
OSD_R_SEL0
OSD_R_SEL1
DU_R
GAMMA_X
ROUT
R_CUTOFF_X_P
BIAS_SAMPLING_P
BIAS_CLAMP_P
R_BIAS_IX
R_IK_RET
G2_R
BIAS_LEVEL
DRIVE_LEVEL
V_MODE
BIAS_P
R_DRIVE_Y
DRIVE_SAMPLING_P
R_DRIVE_COMP
R_DRIVE_IX
RC_RET
+5V_R
-5V_R
1
2
3
4
5
A
B
C
D
E
F
G
H

8-16

BK (5/15)


IC351 LMH6502MAX CONTRAST AMP
Q353 2SA1610-T1Y34 BUFFER
Q354 2SA1576A-T106-QR PEAK LIMITTER
LIMIT_LEVEL
BRT
G_MUX_OUT
Q351 DTA144EUA-T106 SW
G_SEL_X
Q352 2SC4081T106R BUFFER
D351 MA111-TX PROTECTOR
D352 MA111-TX PROTECTOR
Q350 2SA1576A-T106-QR BUFFER
VIDEO_SAMPLE
IC350 TL082CPWR GAIN/DC CONTROL
CONT
IC352 TC74HC4053AFT (EL) SH/SW
BIAS_DRIVE_P
BLACK_SAMPLING_P
WHITE_SAMPLING_P
IC353 AD8184ARZ-REEL7 SELECTOR
OSD_G_SEL0
OSD_G_SEL1
MARKER_LEVEL
TP350
IC1300 LMH6503MAX/NOPB DU AMP
DU_G
IC1378 TC7W53FU (TE12R) DRIVE CLAMP
BLACK_SAMPLING_P
IC1379 TL082CPWR DRIVE CLAMP
IC1301 LMH6502MAX DRIVE AMP
IC1302 TC74HC4053AFT (EL) SELECTOR
G_CUTOFF_X_P
BIAS_SAMPLING_P
BIAS_CLAMP_P
Q1300 DTC123JUA-T106 GAMMA SW
Q1301 2SA1610-T1Y34 GAMMA
Q1302 2SC4176T1B33934835 GAMMA
GAMMA_X
TP1300
JL1300
GOUT
IC1303 AD8055ARTZ-REEL7 DRIVER
Q1340 2SC4081T106R BIAS CONTROL
IC1340 TL082CPWR BIAS CONTROL
G_BIAS_IK
Q1341 2SA1576A-T106-QR BIAS CLAMP
IC1341 TL082CPWR BIAS CLAMP
D1340 MA111-TX PROTECTOR
GIK_RET
G2-G
IC1370 TC74HC4053AFT (EL) SELECTOR
BIAS_LEVEL
DRIVE_LEVEL
V_MODE
BIAS_P
IC1374 TL082CPWR DRIVE CONTROL
G_DRIVE_V
IC1375 TC74HC4053AFT (EL) S/H SW
DRIVE_SAMPLING_P
BLACK_SAMPLING_P
WHITE_SAMPLING_P
IC1376 TL082CPWR CATHODE CLAMP
IC1377 AD8055ARTZ-REEL7 CATHODE CLAMP
GC_RET
IC1371 LM393PS-E20 DRIVE COMPARATOR
G_DRIVE_COMP
G_DRIVE_IK
-5V_G
+5V_G
1
2
3
4
5
A
B
C
D
E
F
G
H

BVM-A20/A24

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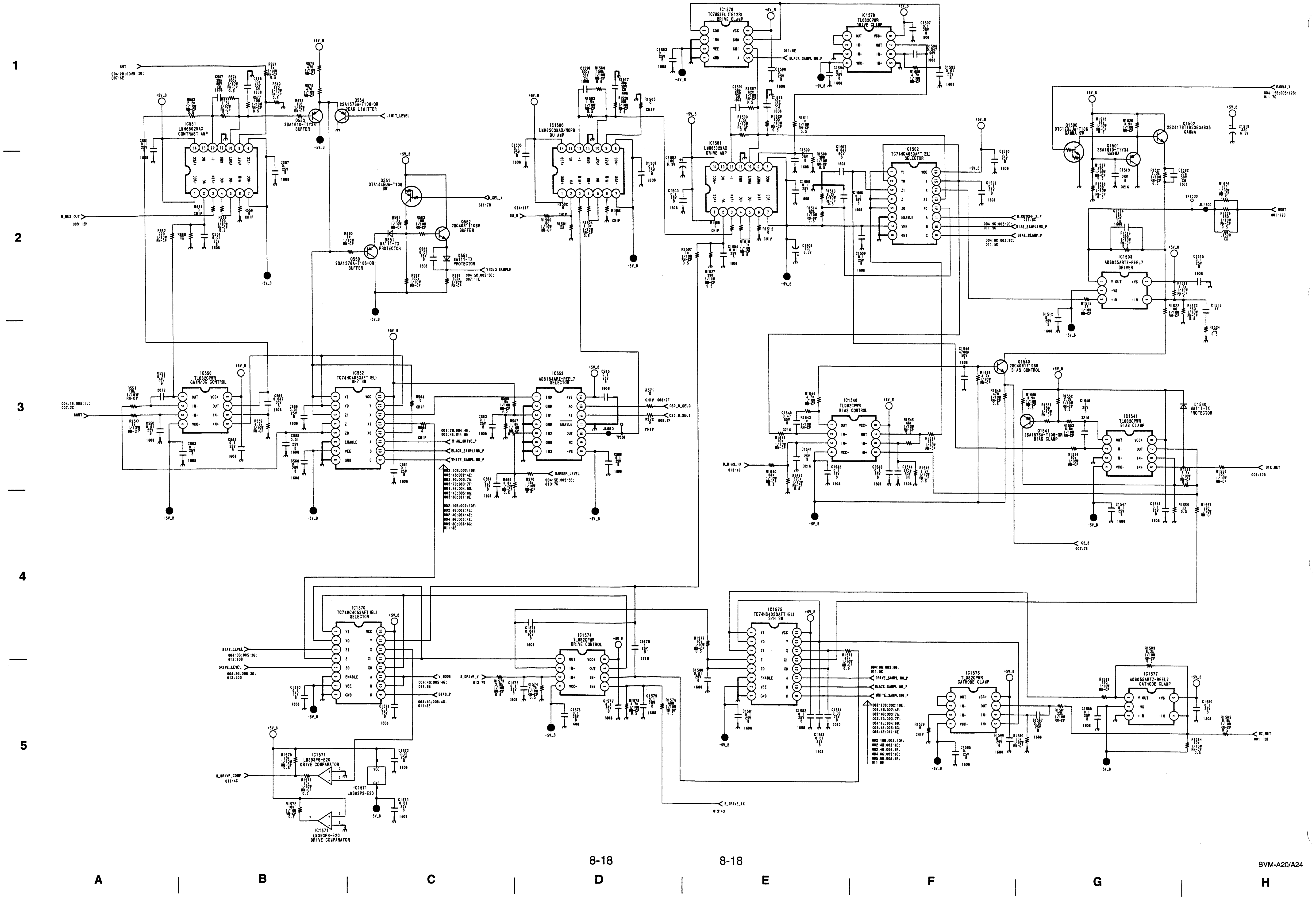
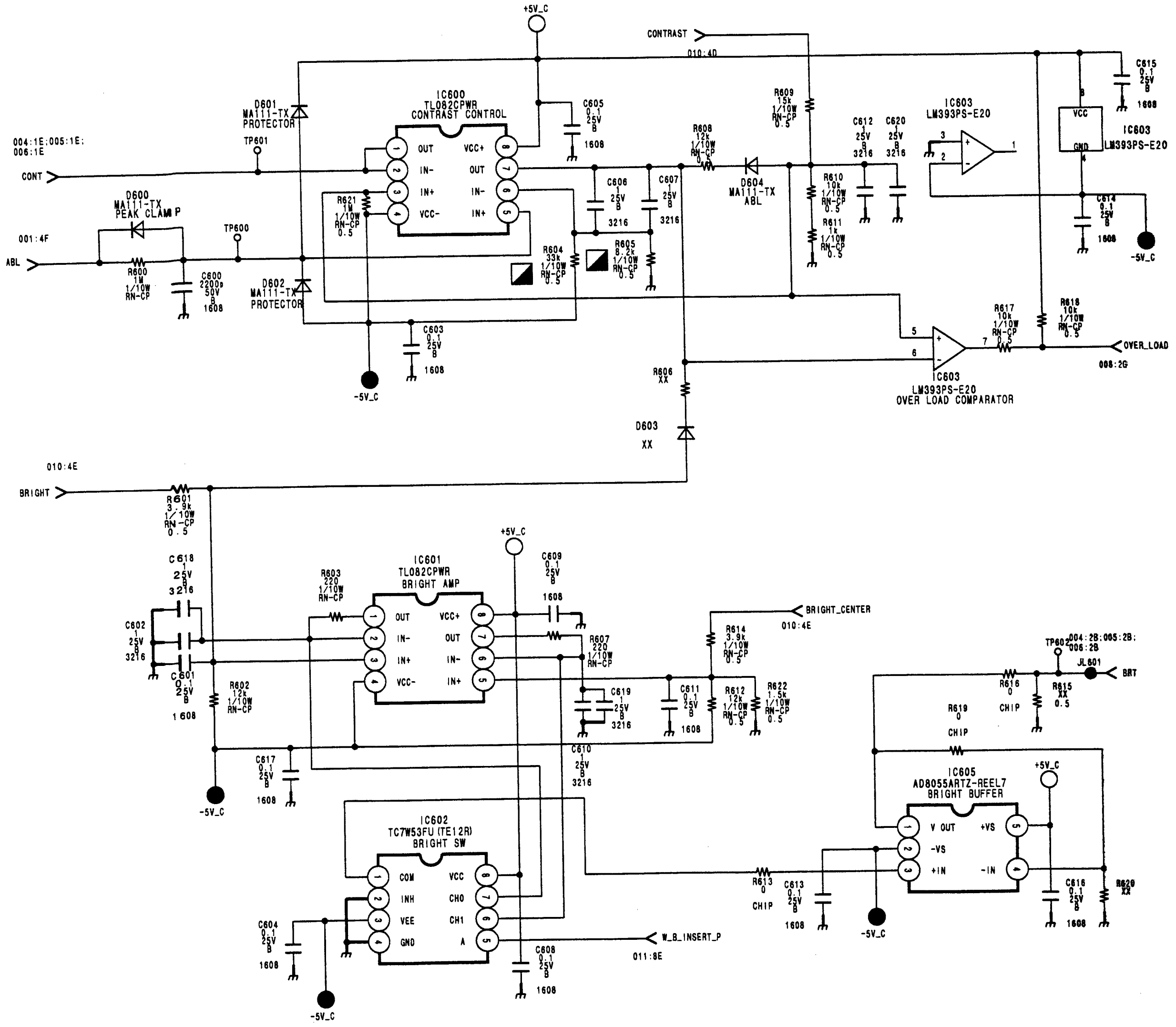
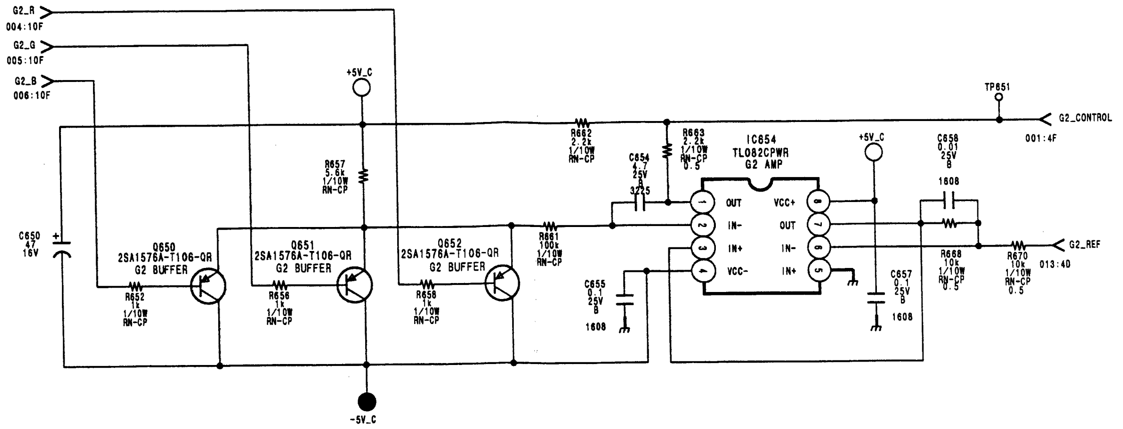
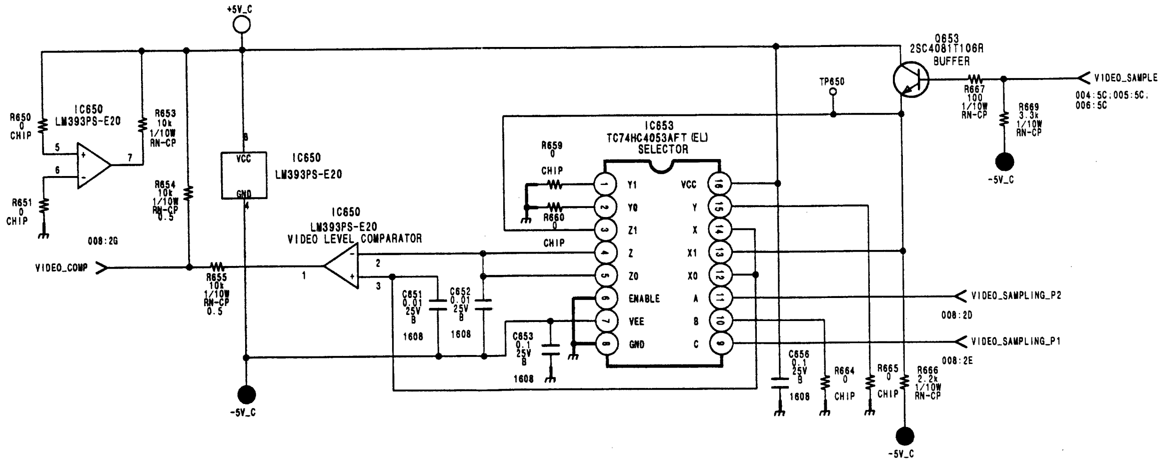

IC1578 TC7W53FU (TE12R) DRIVE CLAMP
IC1579 TL082CPWR DRIVE CLAMP
IC1551 LMH6502MAX CONTRAST AMP
Q553 2SA1610-T1Y34 BUFFER
Q554 2SA1576A-T106-QR PEAK LIMITTER
Q551 DTA144EUA-T106 SW
Q553 2SC4081T106R BUFFER
Q550 2SA1576A-T106-QR BUFFER
D551 MA111-TX PROTECTOR
D552 MA111-TX PROTECTOR
IC1500 LMH6503MAX/NOPB DU AMP
IC1501 LMH6502MAX DRIVE AMP
IC1502 TC74HC4053AFT (EL) SELECTOR
Q1500 DTC123JUA-T106 GAMMA SW
Q1501 2SA1610-T1Y34 GAMMA
Q1502 2SC4176T1B3B34835 GAMMA
IC1503 AD8055ARTZ-REEL7 DRIVER
IC550 TL082CPWR GAIN/DC CONTROL
IC552 TC74HC4053AFT (EL) S/H SW
IC553 ADG884ARZ-REEL7 SELECTOR
Q1540 2SC4081T106R BIAS CONTROL
IC1540 TL082CPWR BIAS CONTROL
Q1541 2SA1576A-T106-QR BIAS CLAMP
IC1541 TL082CPWR BIAS CLAMP
D1540 MA111-TX PROTECTOR
IC1570 TC74HC4053AFT (EL) SELECTOR
IC1574 TL082CPWR DRIVE CONTROL
IC1575 TC74HC4053AFT (EL) S/H SW
IC1576 TL082CPWR CATHODE CLAMP
IC1577 AD8055ARTZ-REEL7 CATHODE CLAMP
IC1571 LM393PS-E20 DRIVE COMPARATOR
BRT
CONT
B_MUX_OUT
LIMIT_LEVEL
SEL_X
VIDEO_SAMPLE
GAMMA_X
BOUT
B_CUTOFF_X_P
BIAS_SAMPLING_P
BIAS_CLAMP_P
BLACK_SAMPLING_P
OSD_B_SEL0
OSD_B_SEL1
BIAS_DRIVE_P
WRITE_SAMPLING_P
MARKER_LEVEL
B_BIAS_IK
BIK_RET
G2_B
BIAS_LEVEL
DRIVE_LEVEL
V_MODE
BIAS_P
B_DRIVE_Y
DRIVE_SAMPLING_P
B_DRIVE_COMP
B_DRIVE_IK
BC_RET
+5V_B
-5V_B
1
2
3
4
5
A
B
C
D
E
F
G
H

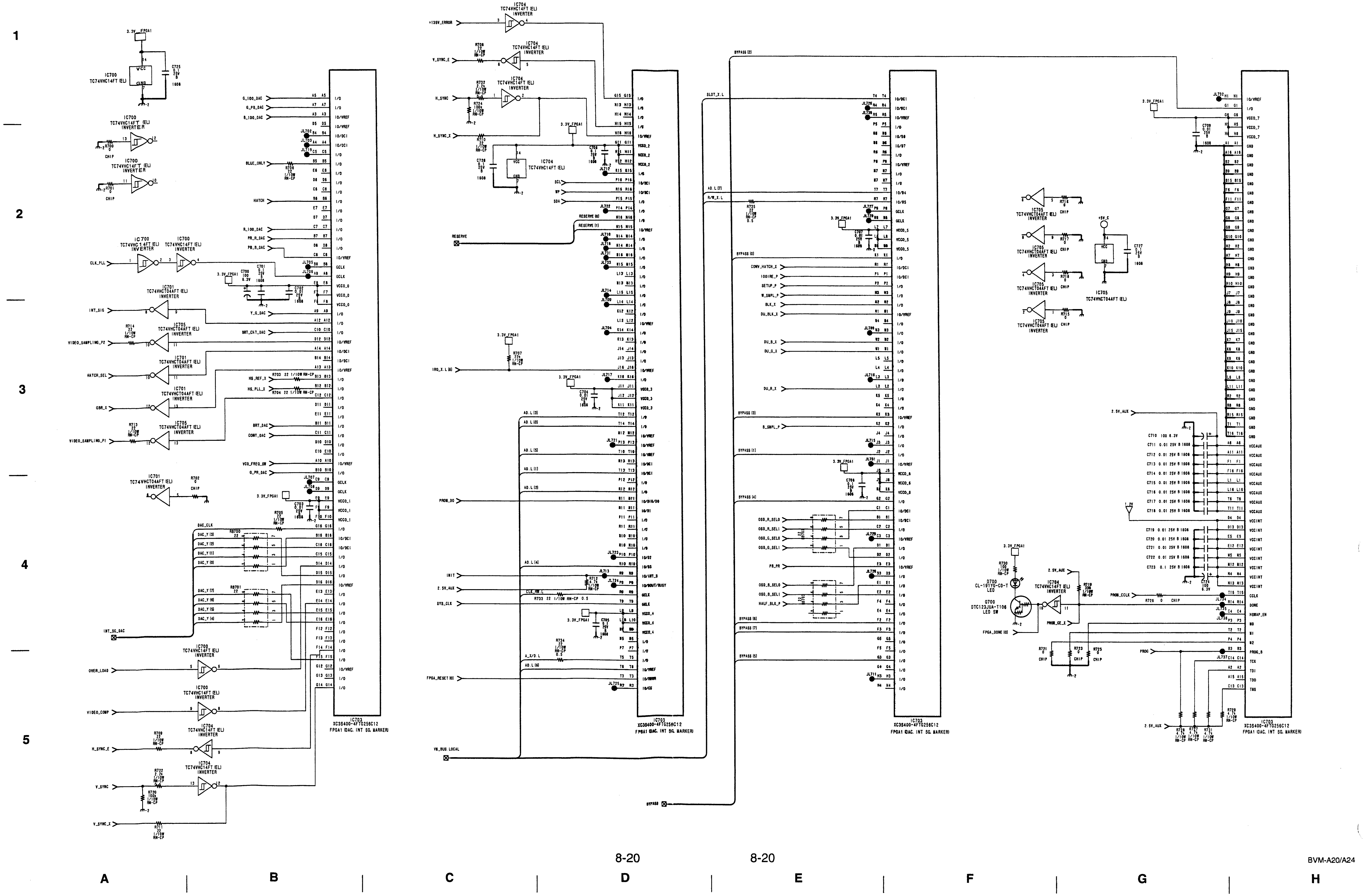
BK (7/15)

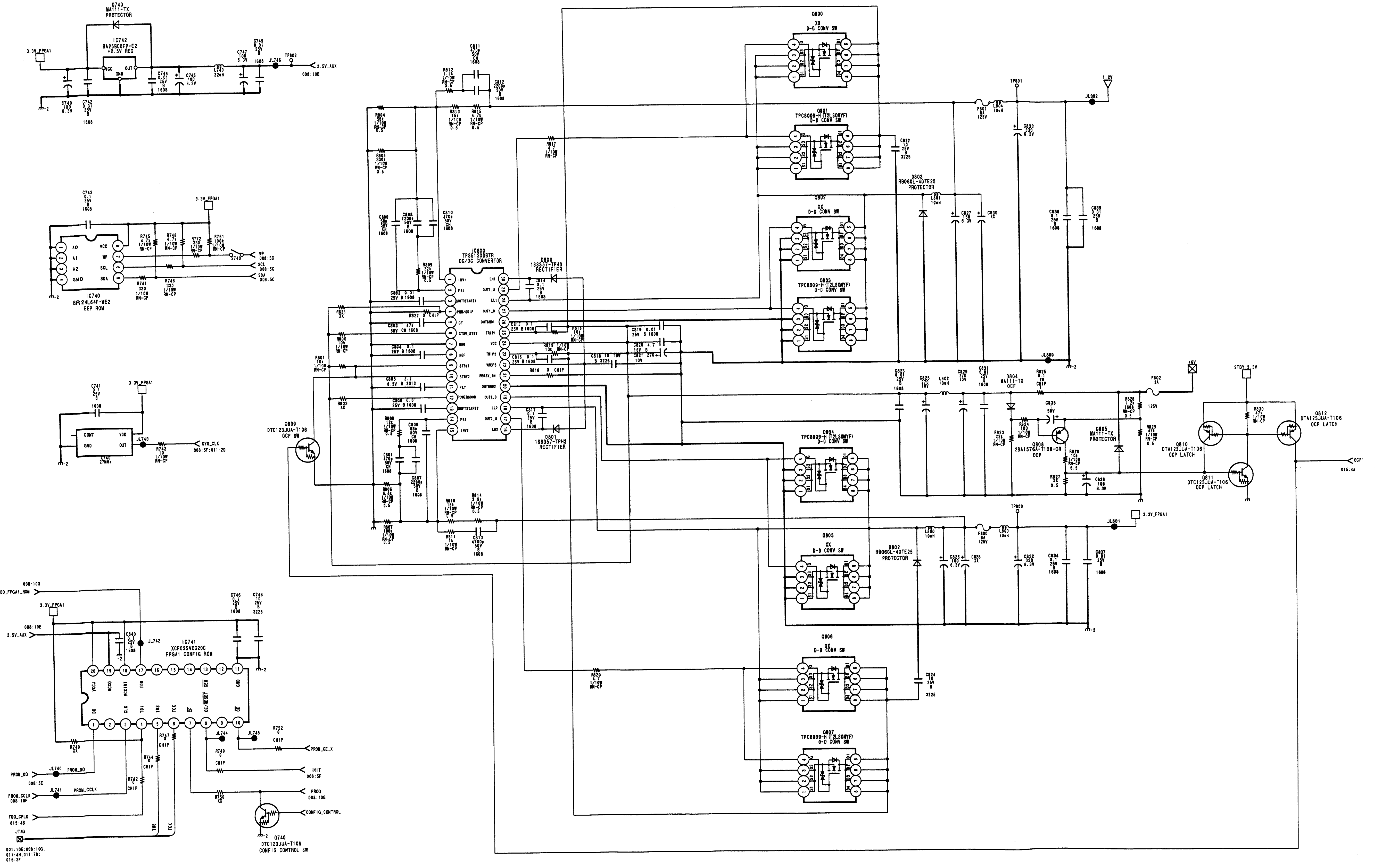

+5V_C
CONTRAST
010:4D
IC600
TL082CPWR
CONTRAST CONTROL
OUT
IN-
IN+
VCC-
VCC+
OUT
IN-
IN+
D601
MA111-TX
PROTECTOR
TP601
004:1E;005:1E;
006:1E
CONT
D600
MA111-TX
PEAK CLAMP
001:4F
ABL
R600
1M
1/10W
RN-CP
TP600
C600
2200p
50V
B
1608
D602
MA111-TX
PROTECTOR
R621
1M
1/10W
RN-CP
0.5
C603
0.1
25V
B
1608
-5V_C
C605
0.1
25V
B
1608
C606
1
25V
B
3216
C607
1
25V
B
3216
R604
33k
1/10W
RN-CP
0.5
R605
8.2k
1/10W
RN-CP
0.5
R608
12k
1/10W
RN-CP
0.5
D604
MA111-TX
ABL
R609
15k
1/10W
RN-CP
0.5
R610
10k
1/10W
RN-CP
0.5
R611
1k
1/10W
RN-CP
0.5
C612
1
25V
B
3216
C620
1
25V
B
3216
IC603
LM393PS-E20
C615
0.1
25V
B
1608
VCC
GND
IC603
LM393PS-E20
C614
0.1
25V
B
1608
-5V_C
R606
XX
D603
XX
IC603
LM393PS-E20
OVER LOAD COMPARATOR
R617
10k
1/10W
RN-CP
0.5
R618
10k
1/10W
RN-CP
0.5
OVER_LOAD
008:2G
010:4E
BRIGHT
R601
3.9k
1/10W
RN-CP
0.5
C618
1
25V
B
3216
C602
1
25V
B
3216
C601
0.1
25V
B
1608
R602
12k
1/10W
RN-CP
-5V_C
C617
0.1
25V
B
1608
R603
220
1/10W
RN-CP
IC601
TL082CPWR
BRIGHT AMP
OUT
IN-
IN+
VCC-
VCC+
OUT
IN-
IN+
+5V_C
C609
0.1
25V
B
1608
R607
220
1/10W
RN-CP
C619
1
25V
B
3216
C610
1
25V
B
3216
C611
0.1
25V
B
1608
BRIGHT_CENTER
010:4E
R614
3.9k
1/10W
RN-CP
0.5
R612
12k
1/10W
RN-CP
0.5
R622
1.5k
1/10W
RN-CP
0.5
IC602
TC7W53FU (TE12R)
BRIGHT SW
COM
INH
VEE
GND
VCC
CH0
CH1
A
C604
0.1
25V
B
1608
-5V_C
C608
0.1
25V
B
1608
W_B_INSERT_P
011:8E
TP602
004:2B;005:2B;
006:2B
JL601
BRT
R616
0
CHIP
R615
XX
0.5
R619
0
CHIP
IC605
AD8055ARTZ-REEL7
BRIGHT BUFFER
V OUT
-VS
+IN
+VS
-IN
+5V_C
R613
0
CHIP
C613
0.1
25V
B
1608
-5V_C
C616
0.1
25V
B
1608
R620
XX


G2_R
004:10F
G2_G
005:10F
G2_B
006:10F
+5V_C
R657
5.6k
1/10W
RN-CP
C650
47
16V
Q650
2SA1576A-T106-QR
G2 BUFFER
R652
1k
1/10W
RN-CP
Q651
2SA1576A-T106-QR
G2 BUFFER
R656
1k
1/10W
RN-CP
Q652
2SA1576A-T106-QR
G2 BUFFER
R658
1k
1/10W
RN-CP
-5V_C
R661
100k
1/10W
RN-CP
R662
2.2k
1/10W
RN-CP
C654
4.7
25V
B
3225
R663
2.2k
1/10W
RN-CP
0.5
C655
0.1
25V
B
1608
IC654
TL082CPWR
G2 AMP
OUT
IN-
IN+
VCC-
VCC+
OUT
IN-
IN+
+5V_C
C657
0.1
25V
B
1608
C658
0.01
25V
B
1608
R668
10k
1/10W
RN-CP
0.5
R670
10k
1/10W
RN-CP
0.5
TP651
G2_CONTROL
001:4F
G2_REF
013:4D

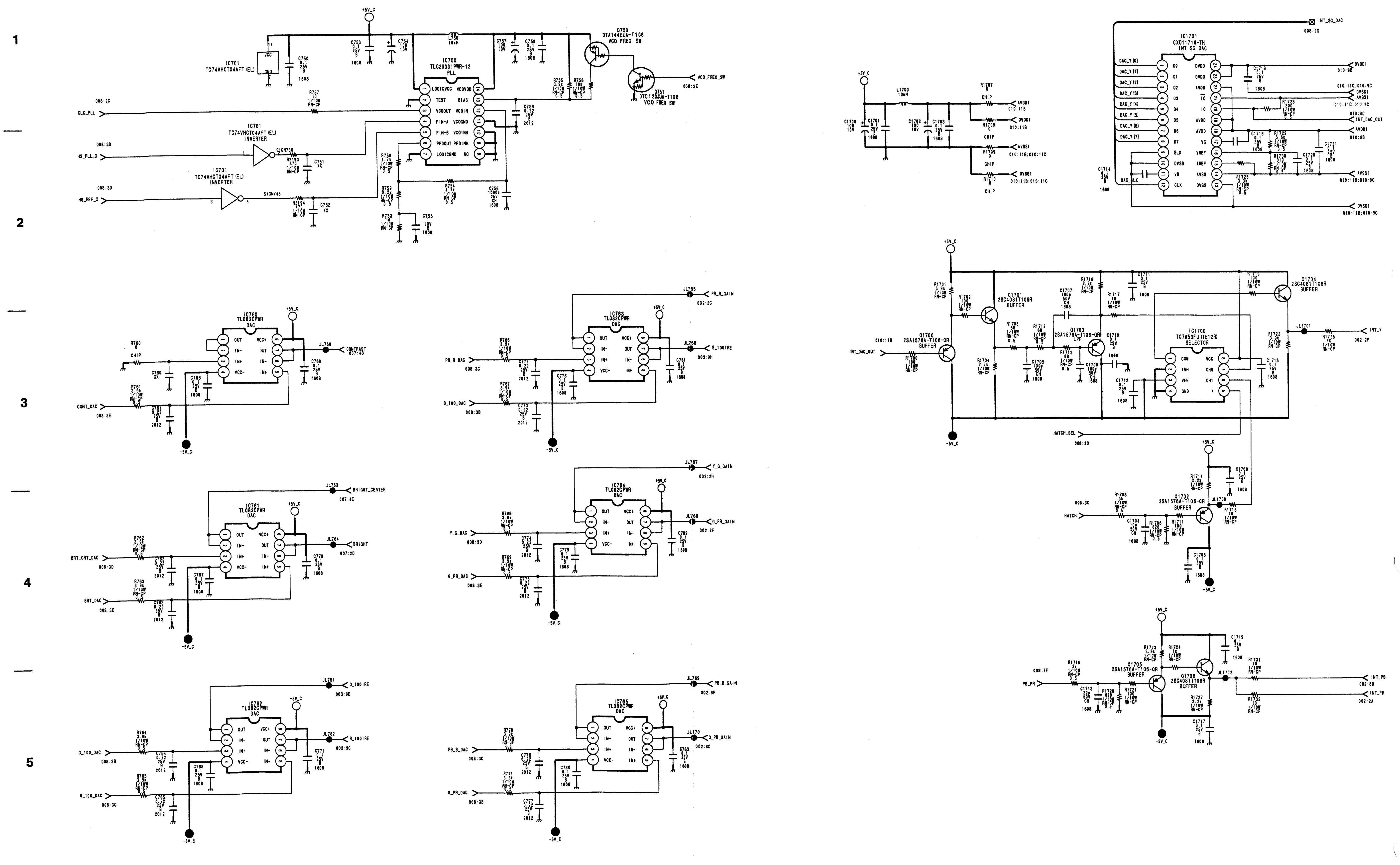

+5V_C
IC650
LM393PS-E20
R650
0
CHIP
R651
0
CHIP
R653
10k
1/10W
RN-CP
R654
10k
1/10W
RN-CP
0.5
008:2G
VIDEO_COMP
R655
10k
1/10W
RN-CP
0.5
VCC
GND
IC650
LM393PS-E20
-5V_C
IC650
LM393PS-E20
VIDEO LEVEL COMPARATOR
C651
0.01
25V
B
1608
C652
0.01
25V
B
1608
C653
0.1
25V
B
1608
R659
0
CHIP
R660
0
CHIP
IC653
TC74HC4053AFT (EL)
SELECTOR
Y1
Y0
Z1
Z
Z0
ENABLE
VEE
GND
VCC
Y
X
X1
X0
A
B
C
TP650
Q653
2SC4081T106R
BUFFER
R667
100
1/10W
RN-CP
R669
3.3k
1/10W
RN-CP
-5V_C
VIDEO_SAMPLE
004:5C;005:5C;
006:5C
VIDEO_SAMPLING_P2
008:2D
VIDEO_SAMPLING_P1
008:2E
C656
0.1
25V
B
1608
R664
0
CHIP
R665
0
CHIP
R666
2.2k
1/10W
RN-CP
-5V_C

8-19


IC700 TC74VHC14FT (EL)
IC700 TC74VHC14FT (EL) INVERTER
IC701 TC74VHCT04AFT (EL) INVERTER
IC704 TC74VHC14FT (EL) INVERTER
IC705 TC74VHCT04AFT (EL) INVERTER
IC705 TC74VHCT04AFT (EL)
IC703 XC3S400-4FTG256C12 FPGA1 (DAC, INT SG, MARKER)
D700 CL-191YG-CD-T LED
Q700 DTC123JUA-T106 LED SW
3.3V_FPGA1
2.5V_AUX
+5V_C
CLK_PLL
INT_SIG
VIDEO_SAMPLING_P2
HATCH_SEL
GBR_X
VIDEO_SAMPLING_P1
INT_SG_DAC
OVER_LOAD
VIDEO_COMP
H_SYNC_E
V_SYNC
V_SYNC_X
+13SV_ERROR
V_SYNC_E
H_SYNC
H_SYNC_X
RESERVE
IRQ_X.L
PROG_DO
INIT
SYS_CLK
FPGA_RESET
VB_BUS LOCAL
BYPASS
FPGA_DONE
PROG
1
2
3
4
5
A
B
C
D
E
F
G
H

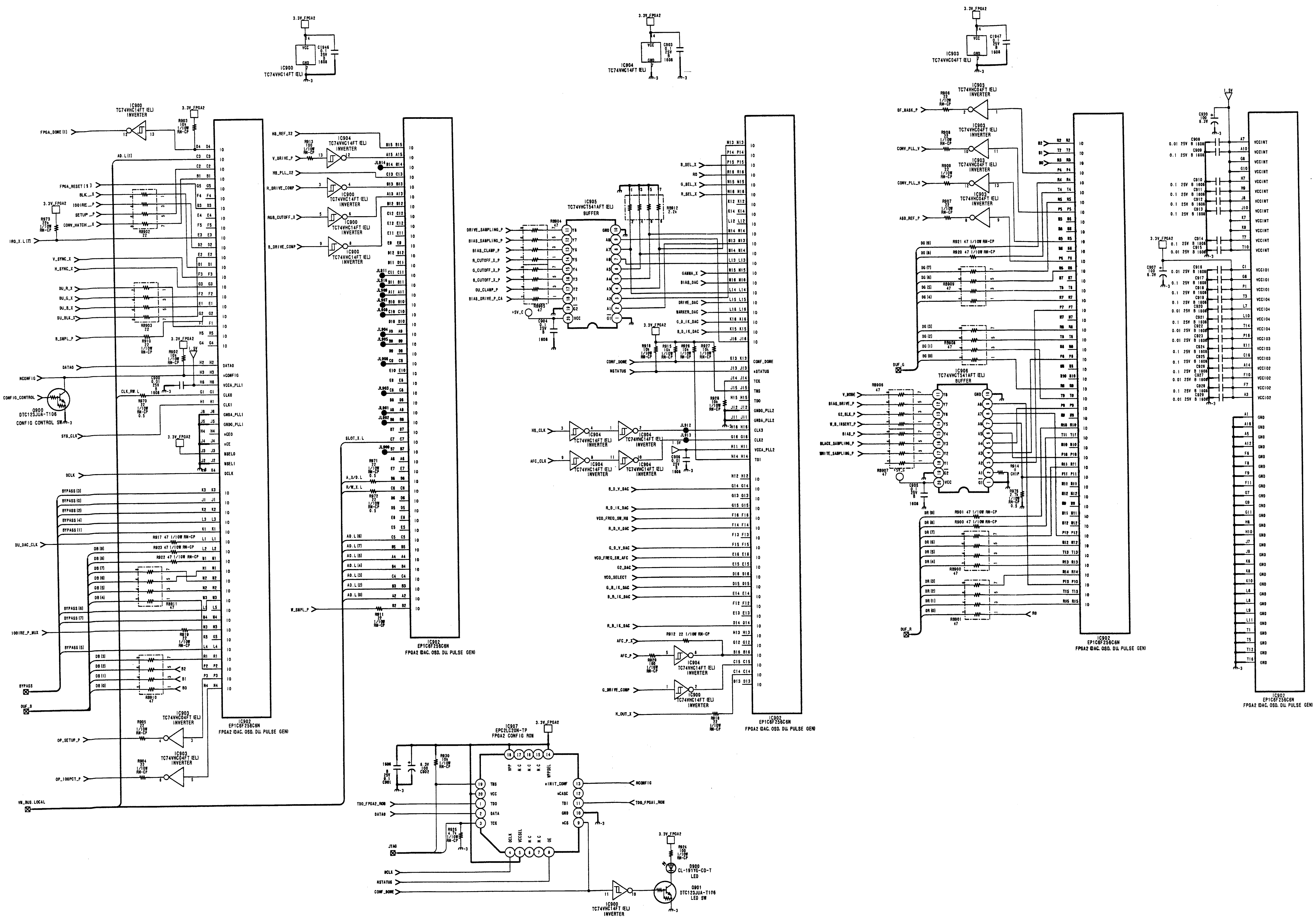

Q740
MA111-TX
PROTECTOR
IC742
BA25BC0FP-E2
+2.5V REG
3.3V_FPGA1
VCC
OUT
GND
L740
22uH
JL746
TP802
2.5V_AUX
008:10E
IC740
BR24L64F-WE2
EEP ROM
A0
A1
A2
GND
VCC
WP
SCL
SDA
S740
WP 008:5C
SCL 008:5C
SDA 008:5C
X740
27MHz
CONT
VDD
GND
OUT
JL743
SYS_CLK
006:5F;011:2D
IC741
XCF02SVOG20C
FPGA1 CONFIG ROM
TDO_FPGA1_ROM
2.5V_AUX
JL742
PROM_DO
PROM_CCLK
TDO_CPLD
015:4B
JTAG
001:10E;008:10G;
011:4H;011:7D;
015:3F
JL740
JL741
JL744
JL745
PROM_CE_X
INIT
008:5F
PROG
008:10G
CONFIG_CONTROL
Q740
DTC123JUA-T106
CONFIG CONTROL SW
IC800
TPS51200BTR
DC/DC CONVERTOR
D800
1SS357-TPH3
RECTIFIER
D801
1SS357-TPH3
RECTIFIER
Q809
DTC123JUA-T106
OCP SW
Q800
XX
D-D CONV SW
Q801
TPC8009-H(T2LSOMYF)
D-D CONV SW
Q802
XX
D-D CONV SW
Q803
TPC8009-H(T2LSOMYF)
D-D CONV SW
Q804
TPC8009-H(T2LSOMYF)
D-D CONV SW
Q805
XX
D-D CONV SW
Q806
XX
D-D CONV SW
Q807
TPC8009-H(T2LSOMYF)
D-D CONV SW
D803
RB060L-40TE25
PROTECTOR
D802
RB060L-40TE25
PROTECTOR
TP801
F801
L804
JL802
1.2V
JL800
TP800
F800
L803
JL801
3.3V_FPGA1
+6V
F802
D804
MA111-TX
OCP
Q808
2SA1576A-T106-QR
OCP
D805
MA111-TX
PROTECTOR
STBY_3.3V
Q810
DTA123JUA-T106
OCP LATCH
Q811
DTC123JUA-T106
OCP LATCH
Q812
DTA123JUA-T106
OCP LATCH
OCP1
015:4A

BK (10/15)

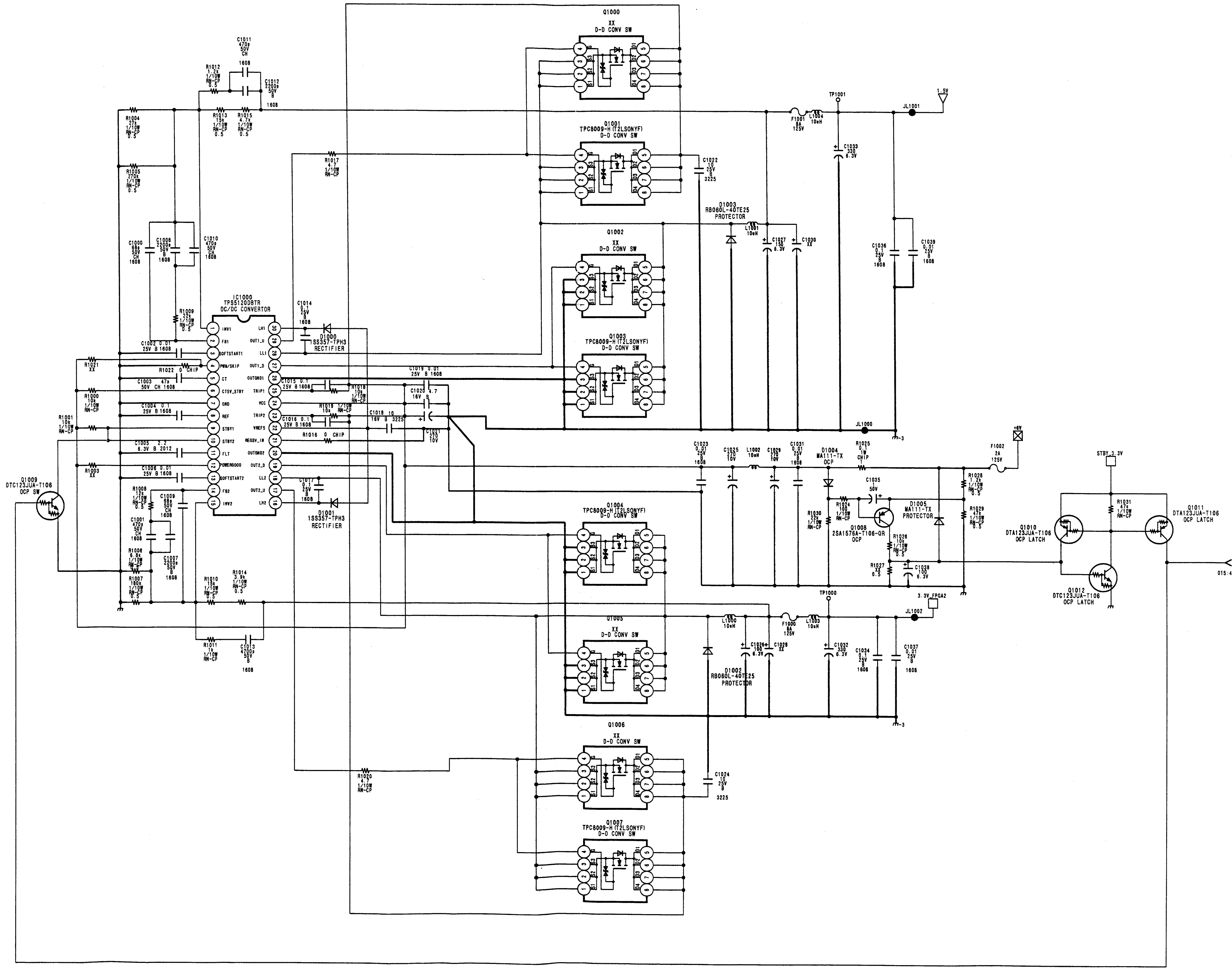

1
2
3
4
5
IC701
TC74VHCT04AFT (EL)
IC701
TC74VHCT04AFT (EL)
INVERTER
IC750
TLC2933IPWR-12
PLL
Q750
DTA144EUA-T106
VCO FREQ SW
Q751
DTC123JUA-T106
VCO FREQ SW
+5V_C
-5V_C
CLK_PLL
HS_PLL_X
HS_REF_X
VCO_FREQ_SW
IC760
TL082CPWR
DAC
IC761
TL082CPWR
DAC
IC762
TL082CPWR
DAC
IC763
TL082CPWR
DAC
IC764
TL082CPWR
DAC
IC765
TL082CPWR
DAC
CONT_DAC
CONTRAST
BRIGHT_CENTER
BRT_CNT_DAC
BRT_DAC
BRIGHT
G_100IRE
G_100_DAC
R_100_DAC
R_100IRE
PR_R_GAIN
PR_R_DAC
B_100_DAC
B_100IRE
Y_G_GAIN
Y_G_DAC
G_PR_DAC
G_PR_GAIN
PB_B_GAIN
PB_B_DAC
G_PB_DAC
G_PB_GAIN
IC1701
CXD1171M-TH
INT SG DAC
INT_SG_DAC
DVDD1
AVDD1
AVSS1
DVSS1
INT_DAC_OUT
DAC_CLK
L1700
IC1700
TC7W53FU (TE12R)
SELECTOR
Q1700
2SA1576A-T106-QR
BUFFER
Q1701
2SC4081T106R
BUFFER
Q1703
2SA1576A-T106-QR
LPF
Q1704
2SC4081T106R
BUFFER
INT_DAC_OUT
INT_Y
HATCH_SEL
Q1702
2SA1576A-T106-QR
BUFFER
HATCH
Q1705
2SA1576A-T106-QR
BUFFER
Q1706
2SC4081T106R
BUFFER
PB_PR
INT_PB
INT_PR

8-22

A | B | C | D | E | F | G | H

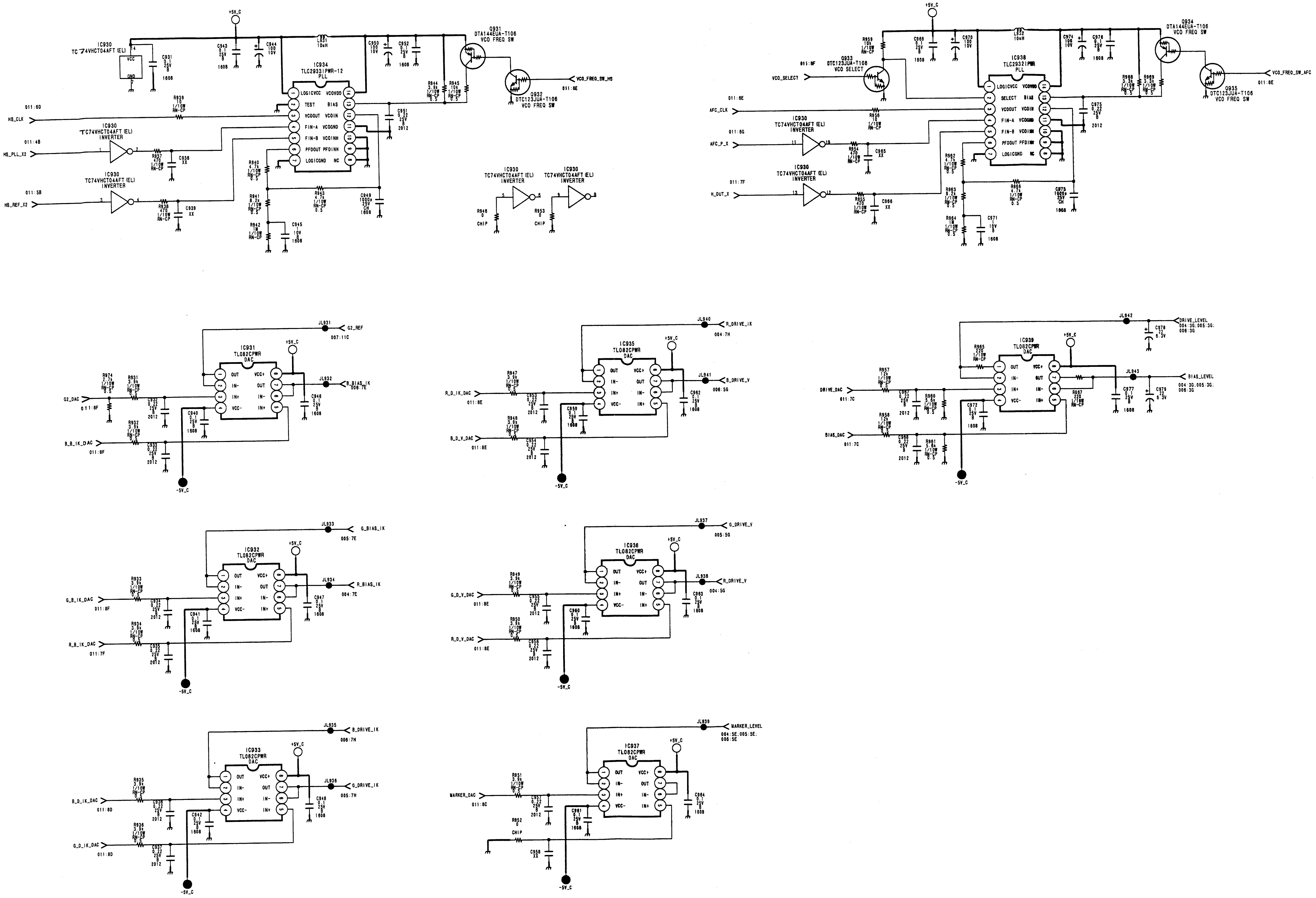

IC900 TC74VHC14FT (EL)
IC904 TC74VHC14FT (EL)
IC903 TC74VHC04FT (EL)
3.3V_FPGA2
IC900 TC74VHC14FT (EL) INVERTER
IC904 TC74VHC14FT (EL) INVERTER
IC903 TC74VHC04FT (EL) INVERTER
IC905 TC74VHCT541AFT (EL) BUFFER
IC906 TC74VHCT541AFT (EL) BUFFER
IC902 EP1C6F256C6N FPGA2 (DAC, OSD, DU, PULSE GEN)
IC907 EPC2LC20N-TP FPGA2 CONFIG ROM
Q900 DTC123JUA-T106 CONFIG CONTROL SW
D900 CL-191YG-CD-T LED
Q901 DTC123JUA-T106 LED SW
FPGA_DONE (1)
FPGA_RESET (5)
IRQ_X_L (7)
V_SYNC_X
H_SYNC_X
DU_R_X
DU_G_X
DU_B_X
DU_BLK_X
B_SMPL_P
DATA0
NCONFIG
CONFIG_CONTROL
SYS_CLK
DCLK
BYPASS (3)
BYPASS (0)
BYPASS (2)
BYPASS (4)
BYPASS (1)
DU_DAC_CLK
BYPASS (6)
BYPASS (7)
100IRE_P_MUX
BYPASS (5)
BYPASS
DUF_B
OP_SETUP_P
OP_100PCT_P
VH_BUS_LOCAL
HS_REF_X2
V_DRIVE_P
HS_PLL_X2
R_DRIVE_COMP
RGB_CUTOFF_X
B_DRIVE_COMP
SLOT_X_L
A_X/D_L
R/W_X_L
AD_L (6)
AD_L (7)
AD_L (5)
AD_L (4)
AD_L (3)
AD_L (2)
AD_L (0)
W_SMPL_P
DRIVE_SAMPLING_P
BIAS_SAMPLING_P
BIAS_CLAMP_P
R_CUTOFF_X_P
G_CUTOFF_X_P
B_CUTOFF_X_P
DU_CLAMP_P
BIAS_DRIVE_P_CA
B_SEL_X
RO
G_SEL_X
R_SEL_X
GAMMA_X
BIAS_DAC
DRIVE_DAC
MARKER_DAC
G_D_IK_DAC
B_D_IK_DAC
CONF_DONE
NSTATUS
HS_CLK
AFC_CLK
R_D_V_DAC
R_D_IK_DAC
VCO_FREQ_SW_HS
B_D_V_DAC
G_D_V_DAC
VCO_FREQ_SW_AFC
G2_DAC
VCO_SELECT
G_B_IK_DAC
B_B_IK_DAC
R_B_IK_DAC
AFC_P_X
AFC_P
G_DRIVE_COMP
H_OUT_X
TDO_FPGA2_ROM
JTAG
TDO_FPGA1_ROM
OF_BASE_P
CONV_PLL_V
CONV_PLL_H
ASD_REF_P
DUF_G
V_BODE
BIAS_DRIVE_P
G2_BLK_P
W_B_INSERT_P
BIAS_P
BLACK_SAMPLING_P
WHITE_SAMPLING_P
DUF_R
VCCINT
VCCIO1
VCCIO2
VCCIO3
VCCIO4
GND

BK (12/15)


IC1000
TPS51200BTR
DC/DC CONVERTOR
INV1
FB1
SOFTSTART1
PWM/SKIP
CT
CTSW_STBY
GND
REF
STBY1
STBY2
FLT
POWERGOOD
SOFTSTART2
FB2
INV2
LH1
OUT1_U
LL1
OUT1_D
OUTGND1
TRIP1
VCC
TRIP2
VREF5
REGSW_IN
OUTGND2
OUT2_D
LL2
OUT2_U
LH2
Q1000
XX
D-D CONV SW
Q1001
TPC8009-H(T2LSONYF)
D-D CONV SW
Q1002
XX
D-D CONV SW
Q1003
TPC8009-H(T2LSONYF)
D-D CONV SW
Q1004
TPC8009-H(T2LSONYF)
D-D CONV SW
Q1005
XX
D-D CONV SW
Q1006
XX
D-D CONV SW
Q1007
TPC8009-H(T2LSONYF)
D-D CONV SW
D1000
1SS357-TPH3
RECTIFIER
D1001
1SS357-TPH3
RECTIFIER
D1002
RB060L-40TE25
PROTECTOR
D1003
RB060L-40TE25
PROTECTOR
D1004
MA111-TX
OCP
D1005
MA111-TX
PROTECTOR
Q1008
2SA1576A-T106-QR
OCP
Q1009
DTC123JUA-T106
OCP SW
Q1010
DTA123JUA-T106
OCP LATCH
Q1011
DTA123JUA-T106
OCP LATCH
Q1012
DTC123JUA-T106
OCP LATCH
F1001
5A
125V
F1000
5A
125V
F1002
2A
125V
L1004
10uH
L1001
10uH
L1002
10uH
L1000
10uH
L1003
10uH
TP1001
TP1000
JL1001
JL1000
JL1002
1.5V
+6V
3.3V_FPGA2
STBY_3.3V
OCP2
D15:4A
C1000
C1008
C1010
C1011
C1012
C1001
C1002
C1003
C1004
C1005
C1006
C1007
C1009
C1013
C1014
C1015
C1016
C1017
C1018
C1019
C1020
C1021
C1022
C1023
C1024
C1025
C1026
C1027
C1028
C1029
C1030
C1031
C1032
C1033
C1034
C1035
C1036
C1037
C1038
C1039
R1000
R1001
R1003
R1004
R1005
R1006
R1007
R1008
R1009
R1010
R1011
R1012
R1013
R1014
R1015
R1016
R1017
R1018
R1019
R1020
R1021
R1022
R1024
R1025
R1026
R1027
R1028
R1029
R1030
R1031
1
2
3
4
5
A
B
C
D
E
F
G
H

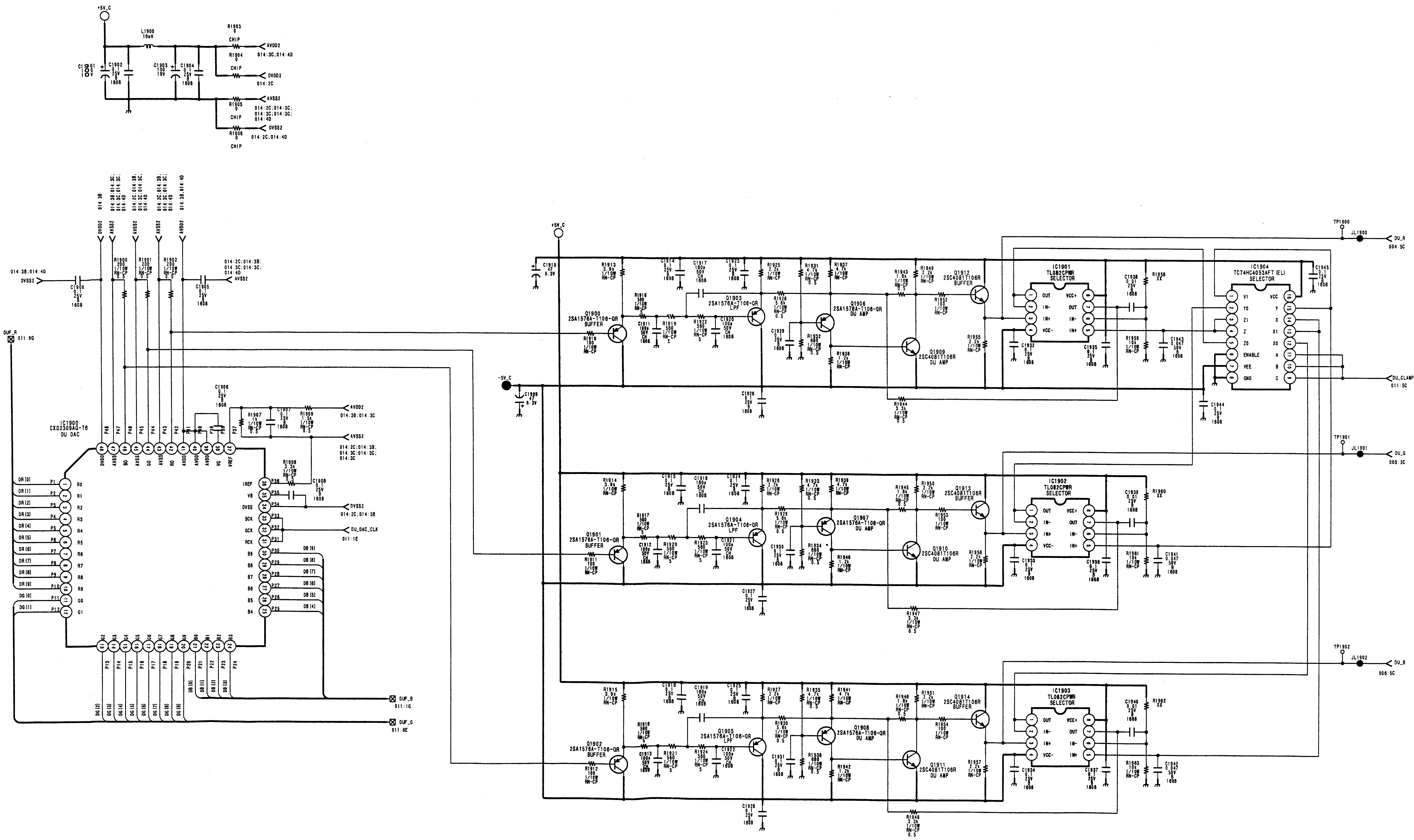
8-24

BK (13/15)


IC930 TC74VHCT04AFT (EL)
IC934 TLC2933IPWR-12 PLL
Q931 DTA144EUA-T106 VCO FREQ SW
Q932 DTC123JUA-T106 VCO FREQ SW
VCO_FREQ_SW_HS
HS_CLK
HS_PLL_X2
HS_REF_X2
IC930 TC74VHCT04AFT (EL) INVERTER
+5V_C
LOGICVCC VCOVDD
TEST BIAS
VCOOUT VCOIN
FIN-A VCOGND
FIN-B VCOINH
PFDOUT PFDINH
LOGICGND NC
IC938 TLC2932IPWR PLL
SELECT BIAS
Q933 DTC123JUA-T106 VCO SELECT
Q934 DTA144EUA-T106 VCO FREQ SW
Q935 DTC123JUA-T106 VCO FREQ SW
VCO_FREQ_SW_AFC
VCO_SELECT
AFC_CLK
AFC_P_X
H_OUT_X
IC931 TLC082CPWR DAC
IC932 TLC082CPWR DAC
IC933 TLC082CPWR DAC
IC935 TLC082CPWR DAC
IC936 TLC082CPWR DAC
IC937 TLC082CPWR DAC
IC939 TLC082CPWR DAC
OUT VCC+
IN- OUT
IN+ IN-
VCC- IN+
G2_REF
G2_DAC
B_BIAS_IK
B_B_IK_DAC
G_BIAS_IK
G_B_IK_DAC
R_BIAS_IK
R_B_IK_DAC
B_DRIVE_IK
B_D_IK_DAC
G_DRIVE_IK
G_D_IK_DAC
R_DRIVE_IK
R_D_IK_DAC
B_DRIVE_V
B_D_V_DAC
G_DRIVE_V
G_D_V_DAC
R_DRIVE_V
R_D_V_DAC
MARKER_LEVEL
MARKER_DAC
DRIVE_LEVEL
DRIVE_DAC
BIAS_LEVEL
BIAS_DAC
-5V_C
1
2
3
4
5
A
B
C
D
E
F
G
H

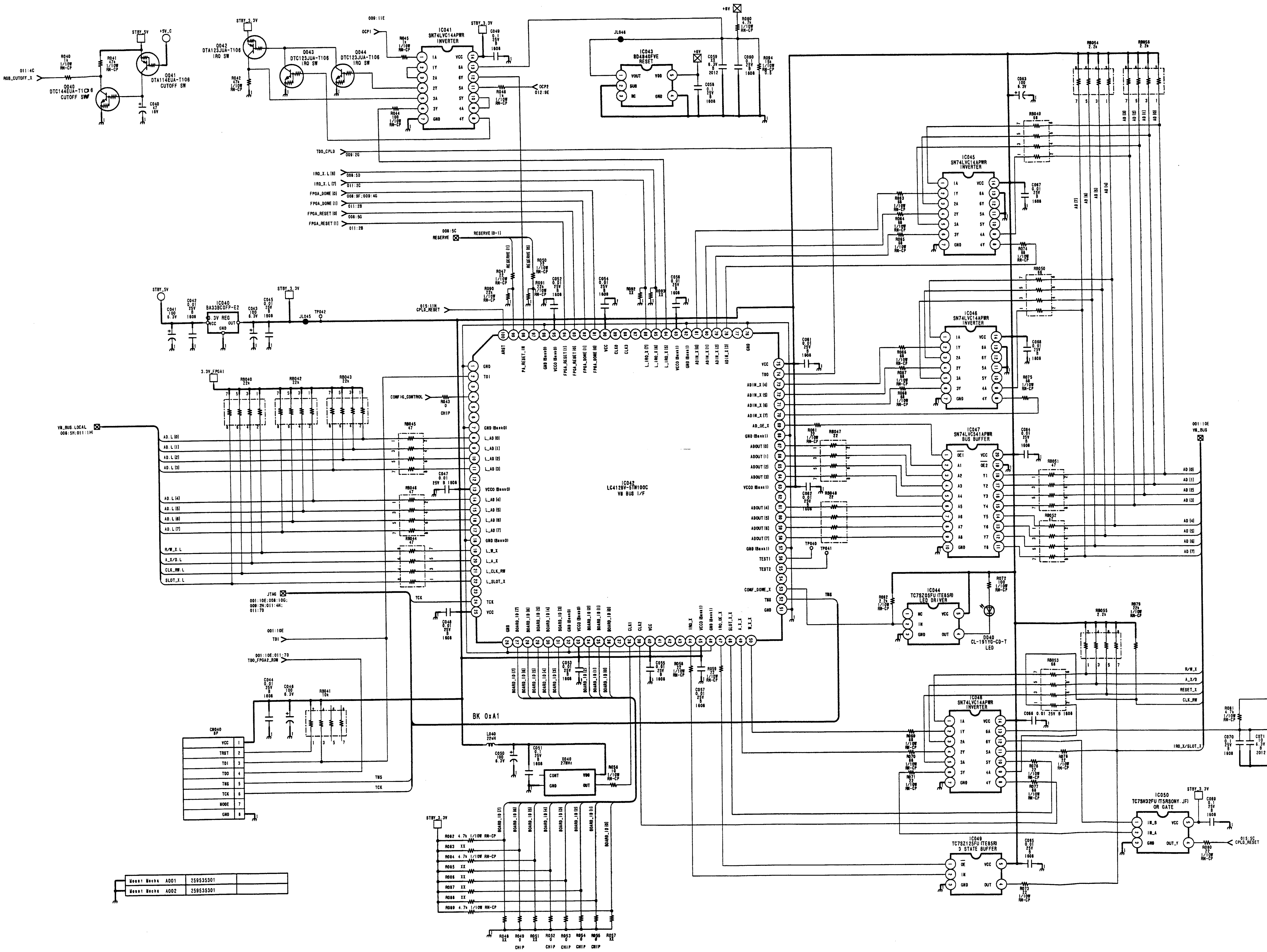
8-25

BK (14/15)


+5V_C
L1900
R1903
R1904
R1905
R1906
CHIP
AVDD2
DVDD2
AVSS2
DVSS2
IC1900
CXD2309AQ-T6
DU DAC
DUF_R
DUF_B
DUF_G
DU_DAC_CLK
IREF
VB
DVSS
BCK
GCK
RCK
C1906
C1907
C1908
R1907
R1908
R1909
-5V_C
C1909
C1910
Q1900
2SA1576A-T106-QR
BUFFER
Q1901
2SA1576A-T106-QR
BUFFER
Q1902
2SA1576A-T106-QR
BUFFER
Q1903
2SA1576A-T106-QR
LPF
Q1904
2SA1576A-T106-QR
LPF
Q1905
2SA1576A-T106-QR
LPF
Q1906
2SA1576A-T106-QR
DU AMP
Q1907
2SA1576A-T106-QR
DU AMP
Q1908
2SA1576A-T106-QR
DU AMP
Q1909
2SC4081T106R
DU AMP
Q1910
2SC4081T106R
DU AMP
Q1911
2SC4081T106R
DU AMP
Q1912
2SC4081T106R
BUFFER
Q1913
2SC4081T106R
BUFFER
Q1914
2SC4081T106R
BUFFER
IC1901
TL082CPWR
SELECTOR
IC1902
TL082CPWR
SELECTOR
IC1903
TL082CPWR
SELECTOR
IC1904
TC74HC4053AFT(EL)
SELECTOR
OUT
IN-
IN+
VCC-
VCC+
V1
Y0
Z1
Z
Z0
ENABLE
VEE
GND
VCC
Y
X
X1
X0
A
B
C
TP1900
JL1900
DU_R
004:5C
TP1901
JL1901
DU_G
005:5C
TP1902
JL1902
DU_B
006:5C
DU_CLAMP_P
011:5C

8-26

BK (15/15)

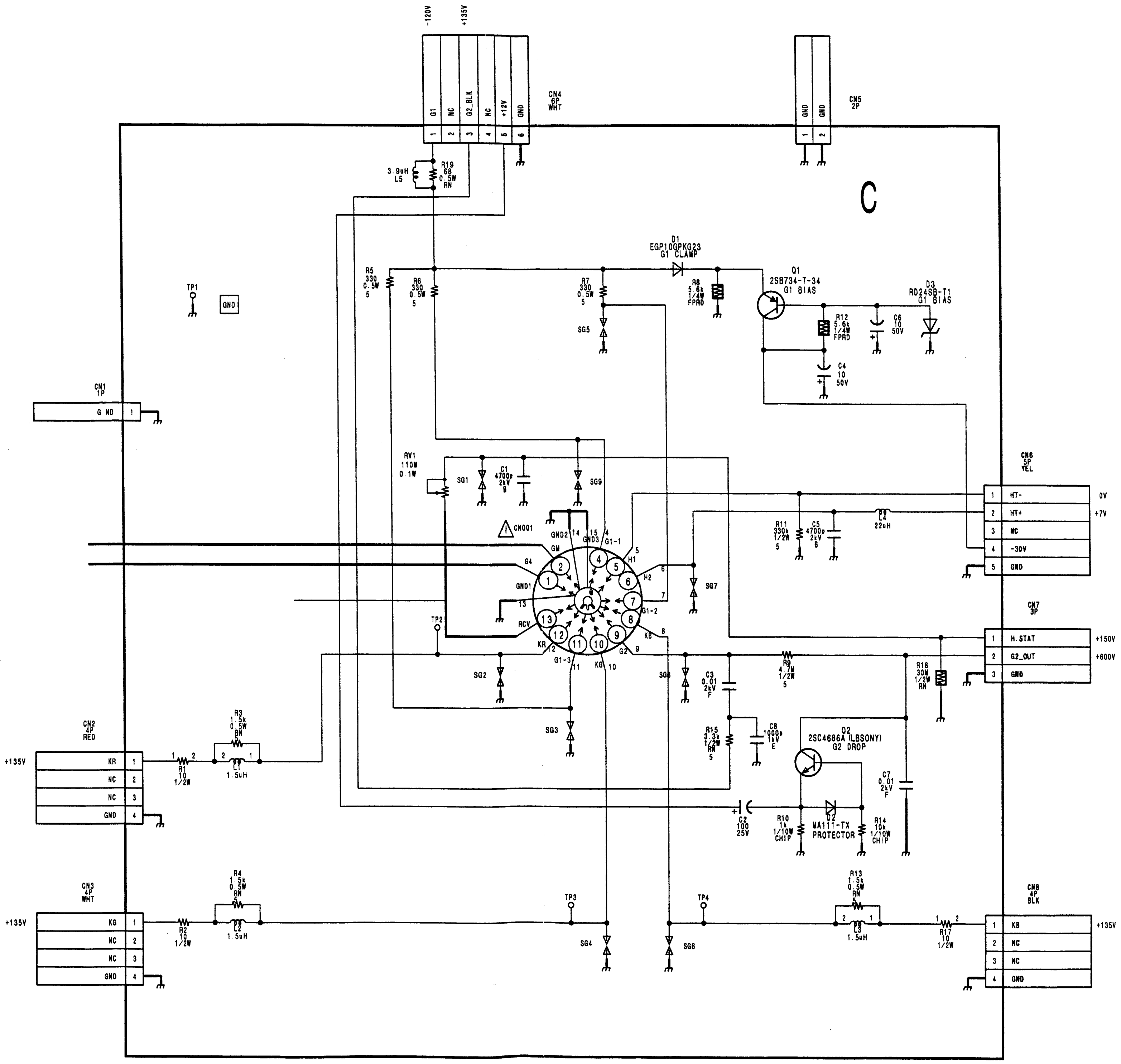

IC041
SN74LVC14APWR
INVERTER
IC043
BD4840FVE
RESET
Q040
DTC144EUA-T106
CUTOFF SW
Q041
DTA114EUA-T106
CUTOFF SW
Q042
DTA123JUA-T106
IRQ SW
Q043
DTC123JUA-T106
IRQ SW
Q044
DTC123JUA-T106
IRQ SW
RGB_CUTOFF_X
OCP1
OCP2
STBY_5V
STBY_3.3V
+5V_C
+6V
JL644
TDO_CPLD
IRQ_X.L (6)
IRQ_X.L (7)
FPGA_DONE (0)
FPGA_DONE (1)
FPGA_RESET (0)
FPGA_RESET (1)
RESERVE
IC040
BA33BC0FP-E2
3.3V REG
JL645
TP042
CPLD_RESET
CONFIG_CONTROL
3.3V_FPGA1
RB040
RB042
RB043
RB045
RB046
RB044
VB_BUS_LOCAL
AD_L (0)
AD_L (1)
AD_L (2)
AD_L (3)
AD_L (4)
AD_L (5)
AD_L (6)
AD_L (7)
R/W_X_L
A_X/D_L
CLK_RW_L
SLOT_X_L
JTAG
TDI
TCK
TMS
TDO_FPGA2_ROM
IC042
LC4128V-5TN100C
VB BUS I/F
IC045
SN74LVC14APWR
INVERTER
IC046
SN74LVC14APWR
INVERTER
IC047
SN74LVC541APWR
BUS BUFFER
IC044
TC7SZ05FU(TE85R)
LED DRIVER
D040
CL-191YG-CD-T
LED
IC048
SN74LVC14APWR
INVERTER
IC049
TC7SZ125FU(TE85R)
3 STATE BUFFER
IC050
TC7SH32FU(T5RSONY.JF)
OR GATE
IC051
BD4828FVE-TR
RESET IC
CN040
8P
VCC
TRST
TDI
TDO
TMS
TCK
MODE
GND
BK 0xA1
L040
22uH
X040
27MHz
CONT
VDD
GND
OUT
AD (0)
AD (1)
AD (2)
AD (3)
AD (4)
AD (5)
AD (6)
AD (7)
R/W_X
A_X/D
RESET_X
CLK_RW
IRQ_X/SLOT_X
VB_BUS
Mount Mecha A001 259535301
Mount Mecha A002 259535301
1
2
3
4
5
A
B
C
D
E
F
G
H

8-27

C (BVM-A20)

C (BVM-A20)

1
2
3
4
5

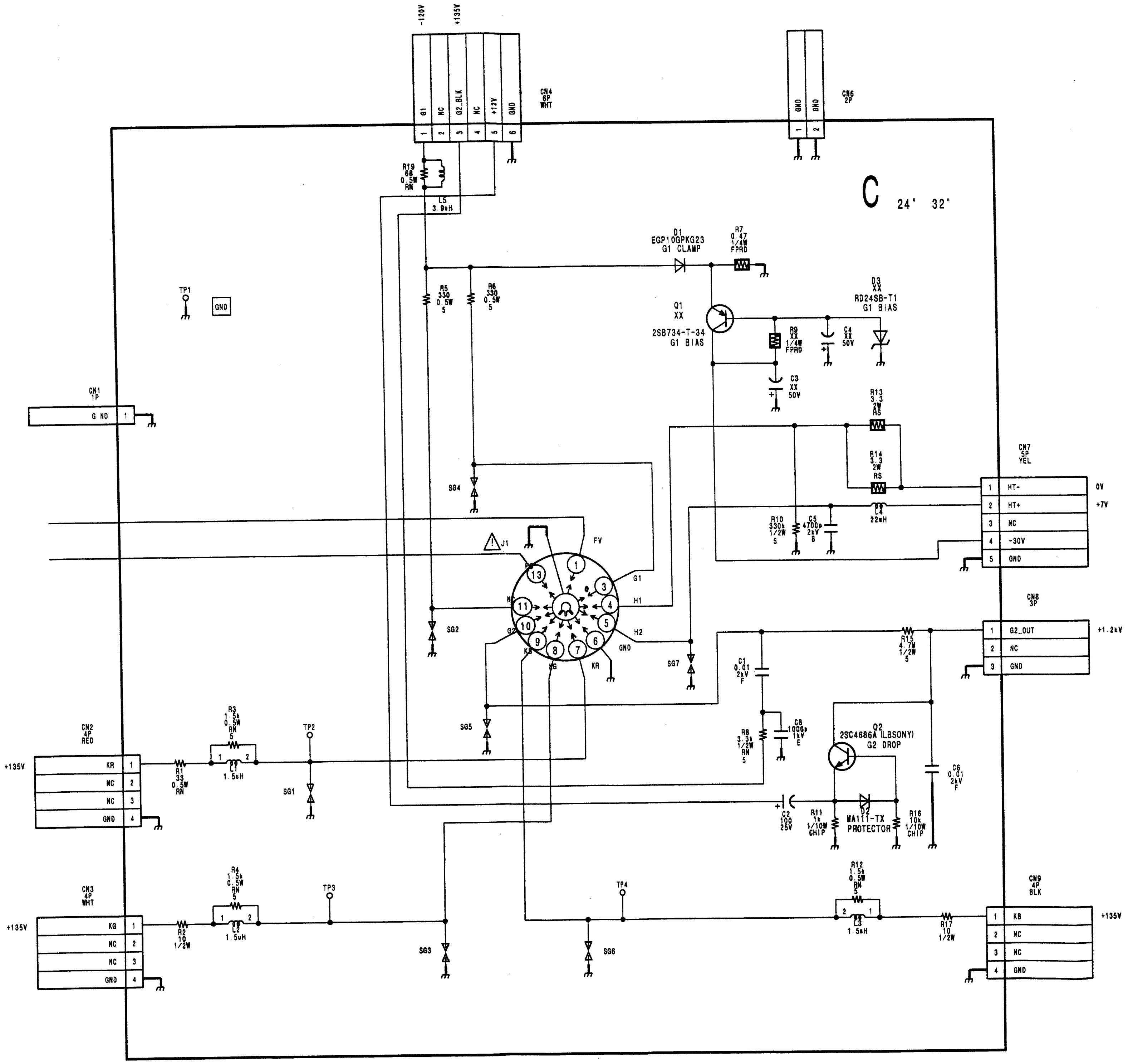

-120V
+135V
G1
NC
G2_BLK
NC
+12V
GND
1 2 3 4 5 6
CN4
6P
WHT
GND
GND
1 2
CN5
2P
C
3.9uH
L5
R19
68
0.5W
RN
D1
EGP10GPKG23
G1 CLAMP
Q1
2SB734-T-34
G1 BIAS
D3
RD24SB-T1
G1 BIAS
R5
330
0.5W
5
R6
330
0.5W
5
R7
330
0.5W
5
R8
5.6k
1/4W
FPRD
R12
5.6k
1/4W
FPRD
C6
10
50V
C4
10
50V
SG5
TP1
GND
CN1
1P
GND
1
RV1
110M
0.1W
SG1
C1
4700p
2kV
B
SG9
CN001
GND2
14
15
GND3
4
G1-1
GM
G4
GND1
13
RCV
KR
12
G1-3
11
KG
10
G2
9
KB
8
G1-2
7
H2
6
H1
5
1 2 3 4 5 6 7 8 9 10 11 12 13
TP2
SG2
SG3
SG7
SG8
CN6
5P
YEL
1 HT- 0V
2 HT+ +7V
3 NC
4 -30V
5 GND
R11
330k
1/2W
5
C5
4700p
2kV
B
L4
22uH
CN7
3P
1 H.STAT +150V
2 G2_OUT +600V
3 GND
R9
4.7M
1/2W
5
R18
30M
1/2W
RN
C3
0.01
2kV
F
R15
3.3k
1/2W
RN
5
C8
1000p
1kV
E
Q2
2SC4686A (LBSONY)
G2 DROP
C7
0.01
2kV
F
C2
100
25V
R10
1k
1/10W
CHIP
D2
MA111-TX
PROTECTOR
R14
10k
1/10W
CHIP
CN2
4P
RED
+135V
1 KR
2 NC
3 NC
4 GND
R1
10
1/2W
R3
1.5k
0.5W
RN
5
L1
1.5uH
CN3
4P
WHT
+135V
1 KG
2 NC
3 NC
4 GND
R2
10
1/2W
R4
1.5k
0.5W
RN
5
L2
1.5uH
TP3
SG4
TP4
SG6
R13
1.5k
0.5W
RN
5
L3
1.5uH
R17
10
1/2W
CN8
4P
BLK
1 KB
2 NC
3 NC
4 GND
+135V

8-28

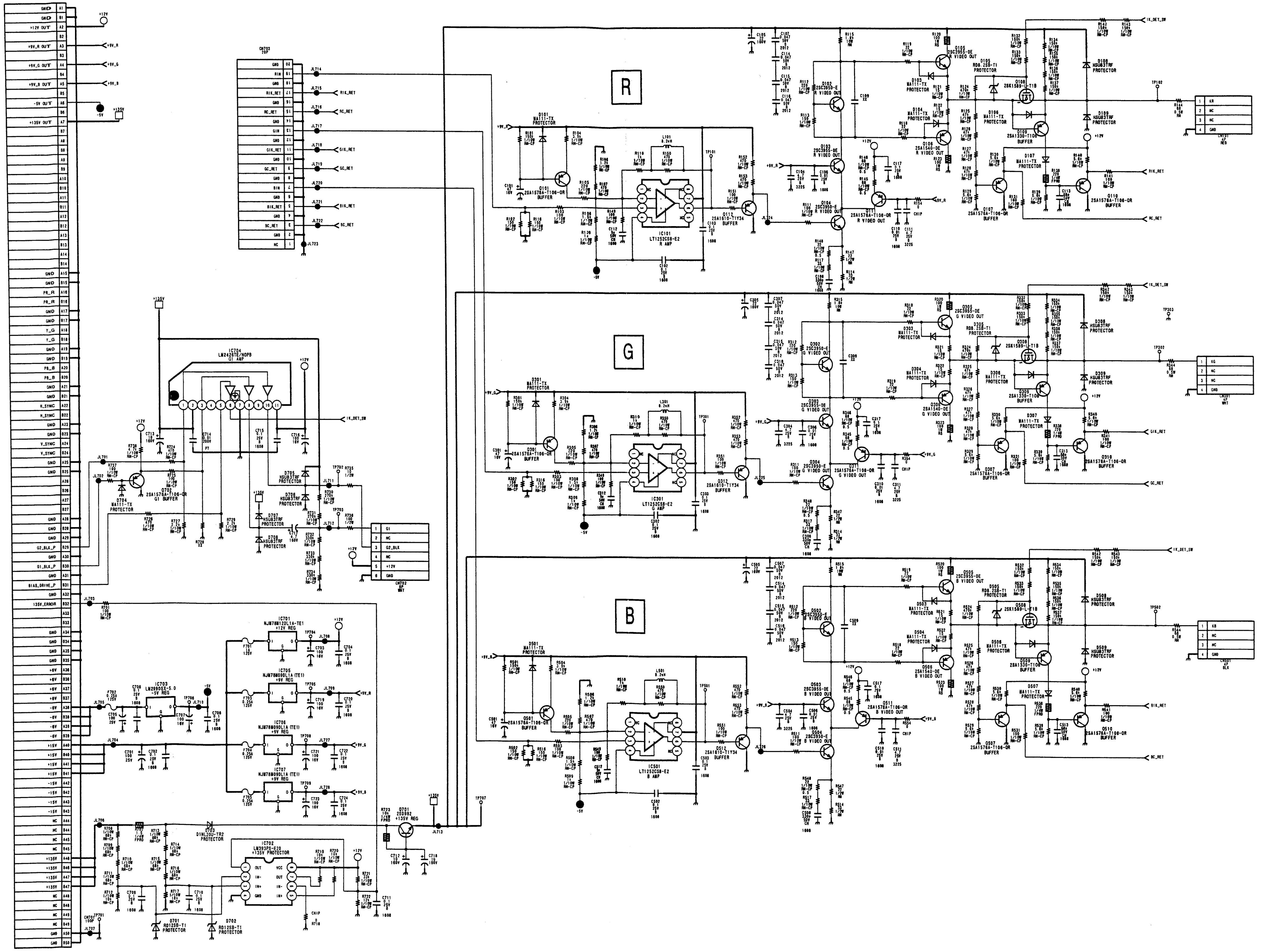
A B C D E F G H

C (BVM-A24)

C (BVM-A24)

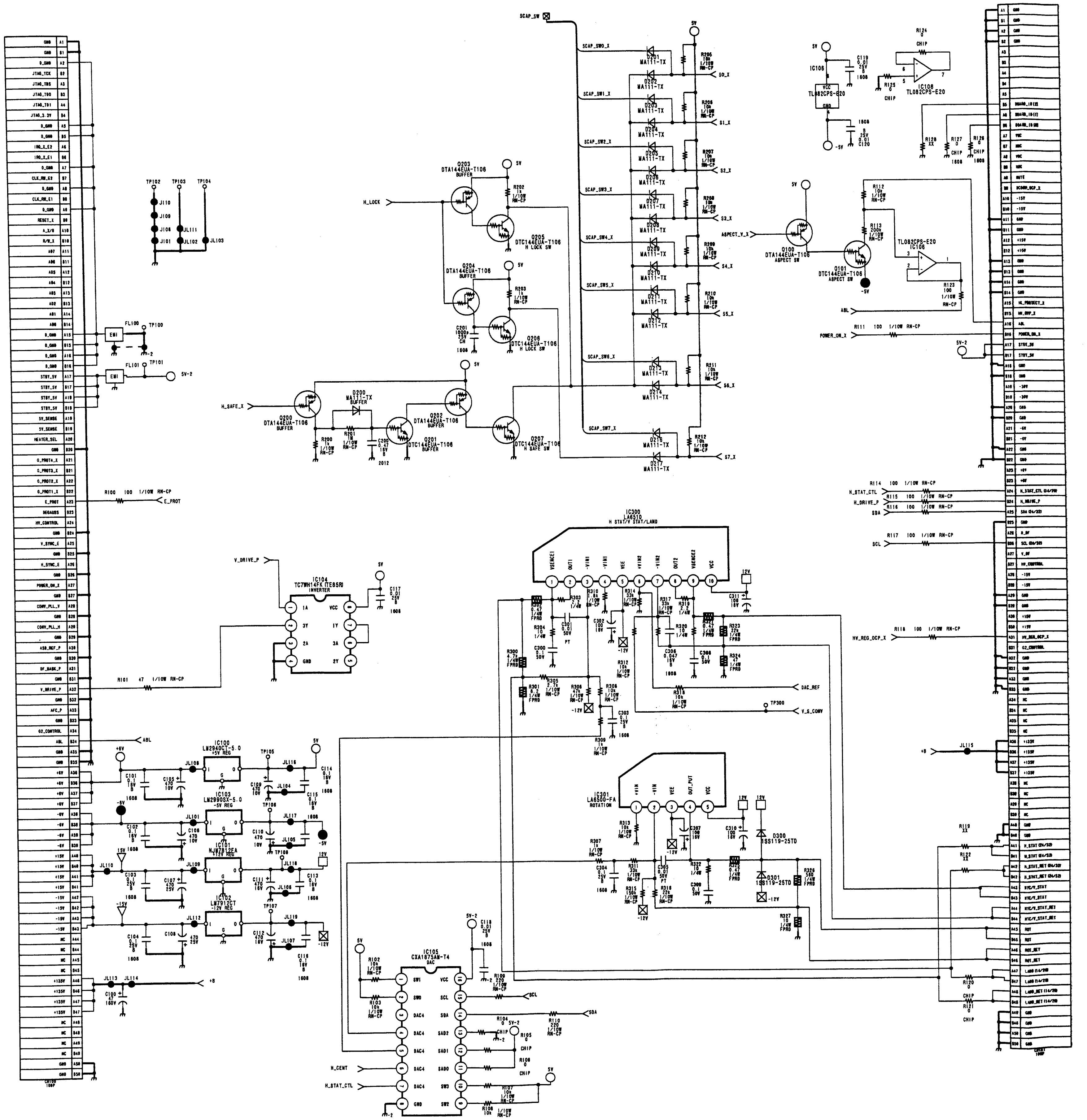

-120V
+135V
G1
NC
G2_BLK
NC
+12V
GND
1
2
3
4
5
6
CN4
6P
WHT
GND
GND
1
2
CN6
2P
C 24" 32"
R19
68
0.5W
RN
L5
3.9uH
D1
EGP10GPKG23
G1 CLAMP
R7
0.47
1/4W
FPRD
R5
330
0.5W
5
R6
330
0.5W
5
Q1
XX
2SB734-T-34
G1 BIAS
R9
XX
1/4W
FPRD
C4
XX
50V
D3
XX
RD24SB-T1
G1 BIAS
C3
XX
50V
R13
3.3
2W
RS
R14
3.3
2W
RS
TP1
GND
CN1
1P
GND
1
CN7
5P
YEL
HT-
HT+
NC
-30V
GND
0V
+7V
R10
330k
1/2W
5
C5
4700p
2kV
B
L4
22uH
SG4
J1
FV
G1
H1
H2
GND
NC
G2
KB
KG
KR
FG
13
1
3
4
11
5
10
9
8
7
6
SG2
SG7
CN8
3P
G2_OUT
NC
GND
+1.2kV
R15
4.7M
1/2W
5
C1
0.01
2kV
F
C8
1000p
1kV
E
R8
3.3k
1/2W
RN
5
Q2
2SC4686A (LBSONY)
G2 DROP
C6
0.01
2kV
F
C2
100
25V
R11
1k
1/10W
CHIP
D2
MA111-TX
PROTECTOR
R16
10k
1/10W
CHIP
SG5
CN2
4P
RED
+135V
KR
NC
NC
GND
R1
33
0.5W
RN
R3
1.5k
0.5W
RN
5
L1
1.5uH
TP2
SG1
CN3
4P
WHT
+135V
KG
NC
NC
GND
R2
10
1/2W
R4
1.5k
0.5W
RN
5
L2
1.5uH
TP3
SG3
TP4
SG6
R12
1.5k
0.5W
RN
5
L3
1.5uH
R17
10
1/2W
CN9
4P
BLK
KB
NC
NC
GND
+135V

8-29


R
G
B
IC101 LT1252CS8-E2 R AMP
IC301 LT1252CS8-E2 G AMP
IC501 LT1252CS8-E2 B AMP
IC704 LM2426TE/NOPB G1 AMP
IC701 NJM78M12DL1A-TE1 +12V REG
IC705 NJM78M09DL1A (TE1) +9V REG
IC706 NJM78M09DL1A (TE1) +9V REG
IC707 NJM78M09DL1A (TE1) +9V REG
IC703 LM2990SX-5.0 -5V REG
IC702 LM393PS-E20 +135V PROTECTOR
Q701 2SD882 +135V REG
CN702 20P
CN101 4P RED
CN301 4P WHT
CN501 4P BLK
CN703 6P WHT
CN701 100P
TP102
TP302
TP502
1
2
3
4
5
A
B
C
D
E
F
G
H

E (1/2) (BVM-A20)

E (1/2) (BVM-A20)

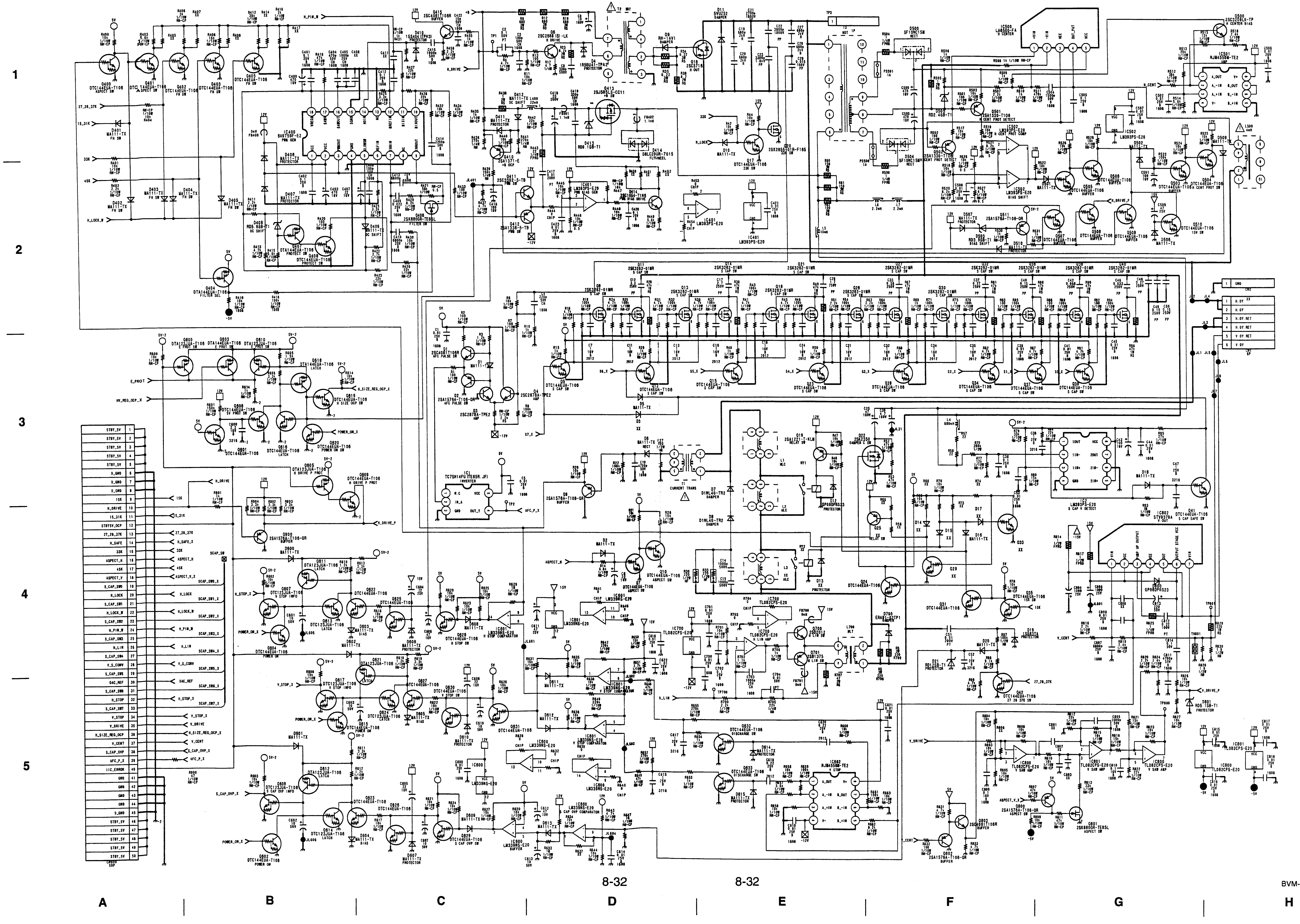

CN100 100P
CN101 100P
SCAP_SW
H_LOCK
H_SAFE_X
E_PROT
V_DRIVE_P
ABL
ASPECT_V_X
POWER_ON_X
H_STAT_CTL
H_DRIVE_P
SDA
SCL
HV_REG_OCP_X
DAC_REF
V_S_CONV
H_CENT
S0_X
S1_X
S2_X
S3_X
S4_X
S5_X
S6_X
S7_X
FL100
FL101
TP100
TP101
TP102
TP103
TP104
TP105
TP106
TP107
TP108
TP300
IC100 LM2940CT-5.0 +5V REG
IC103 LM2990SX-5.0 -5V REG
IC101 NJM7812FA +12V REG
IC102 LM7912CT -12V REG
IC104 TC7WH14FK(TE85R) INVERTER
IC105 CXA1875AM-T4 DAC
IC106 TL082CPS-E20
IC300 LA6510 H STAT/V STAT/LAND
IC301 LA6500-FA ROTATION
Q100 DTA144EUA-T106 ASPECT SW
Q101 DTC144EUA-T106 ASPECT SW
Q200 DTA144EUA-T106 BUFFER
Q201 DTC144EUA-T106 BUFFER
Q202 DTA144EUA-T106 BUFFER
Q203 DTA144EUA-T106 BUFFER
Q204 DTA144EUA-T106 BUFFER
Q205 DTC144EUA-T106 H LOCK SW
Q206 DTC144EUA-T106 H LOCK SW
Q207 DTC144EUA-T106 H SAFE SW
D200 MA111-TX BUFFER
D201–D217 MA111-TX
D300 1SS119-25TD
D301 1SS119-25TD
5V
-5V
12V
-12V
+B
5V-2

1
2
3
4
5

A B C D E F G H

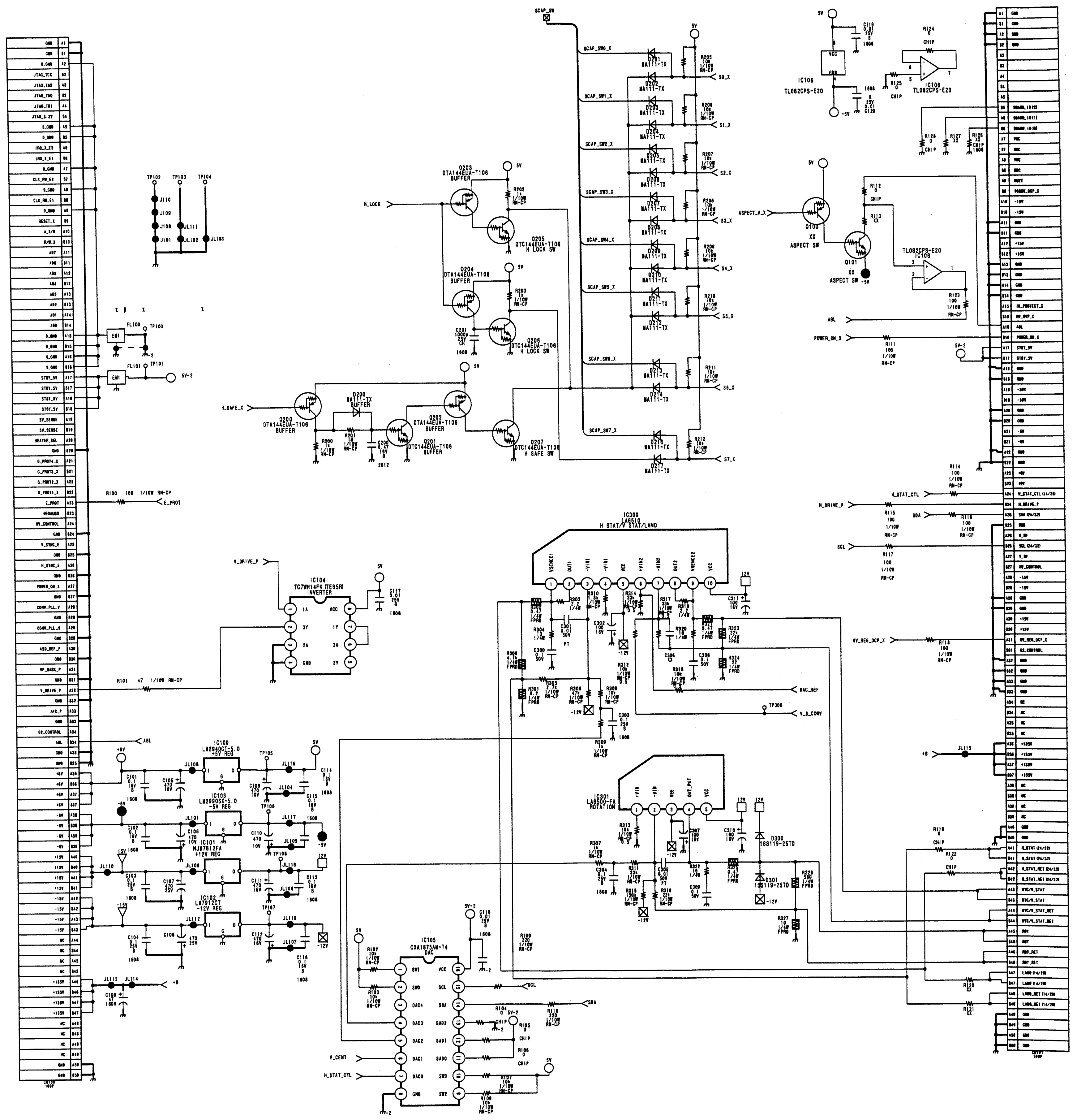
E (2/2) (BVM-A20)

E (2/2) (BVM-A20)


1
2
3
4
5
A
B
C
D
E
F
G
H
STBY_5V 1
STBY_5V 2
STBY_5V 3
STBY_5V 4
STBY_5V 5
D_GND 6
D_GND 7
D_GND 8
15K 9
H_DRIVE 10
15_31K 11
STBY5V_OCP 12
27_28_37K 13
H_SAFE 14
33K 15
ASPECT_H 16
45K 17
ASPECT_V 18
S_CAP_SW0 19
H_LOCK 20
S_CAP_SW1 21
H_LOCK_W 22
S_CAP_SW2 23
H_PIN_W 24
S_CAP_SW3 25
H_LIN 26
S_CAP_SW4 27
V_S_CONV 28
S_CAP_SW5 29
DAC_REF 30
S_CAP_SW6 31
H_STOP 32
S_CAP_SW7 33
V_STOP 34
V_DRIVE 35
H_SIZE_REG_OCP 36
V_CENT 37
S_CAP_OVP 38
AFC_P_X 39
IIC_ERROR 40
GND 41
GND 42
GND 43
GND 44
D_GND 45
STBY_5V 46
STBY_5V 47
STBY_5V 48
STBY_5V 49
STBY_5V 50
CN900 50P
E_PROT
HV_REG_OCP_X
H_SAFE_X
ASPECT_V_X
H_STOP_X
R900 47 1/10W RN-CP
1 GND
CN2
1 H.DY
2 H.DY
3 H.DY.RET
4 H.DY.RET
5 V DY.RET
6 V.DY
CN1 6P
JL1
JL2
JL3
JL4
JL5
JL6
JL7
JL8
Q510 DTC144EUA-T106 15V SW
IC400 BA9759F-E2 PWM GEN
IC1 TC7SH14FU(TE85R,JF) INVERTER
IC401 LM393PS-E20
IC501 NJM4558M-TE2
IC502 LM393PS-E20
IC800 TL082CPS-E20
IC802 STV9379A V OUT
IC602 NJM4558M-TE2

E (1/2) (BVM-A24)

E (1/2) (BVM-A24)


IC100 LM2940CT-5.0 +5V REG
IC101 NJM7812FA +12V REG
IC102 LM7912CT -12V REG
IC103 LM2990SX-5.0 -5V REG
IC104 TC7WH14FK(TE85R) INVERTER
IC105 CXA1875AM-T4 DAC
IC106 TL082CPS-E20
IC300 LA6510 H STAT/V STAT/LAND
IC301 LA6520-FA ROTATION
Q100 XX ASPECT SW
Q101 XX ASPECT SW
Q200 DTA144EUA-T106 BUFFER
Q201 DTA144EUA-T106 BUFFER
Q202 DTA144EUA-T106 BUFFER
Q203 DTA144EUA-T106 BUFFER
Q204 DTA144EUA-T106 BUFFER
Q205 DTC144EUA-T106 H LOCK SW
Q206 DTC144EUA-T106 H LOCK SW
Q207 DTC144EUA-T106 H SAFE SW
D300 1SS119-25TD
D301 1SS119-25TD
SCAP_SW
H_LOCK
H_SAFE_X
ASPECT_V_X
V_DRIVE_P
H_CENT
H_STAT_CTL
H_DRIVE_P
SDA
SCL
ABL
POWER_ON_X
HV_REG_OCP_X
DAC_REF
V_S_CONV
E_PROT
TP300
CN101 100P
CN102 100P

Mount Mecha A1	403035901	IC500
Mount Mecha A2	403694841	IC100
Mount Mecha A3	403694841	IC101
Mount Mecha A4	403694841	IC102
Mount Mecha A5	404240802	
Mount Mecha A6	405079602	
Mount Mecha A7	405079602	
Mount Mecha A8	407271701	Q8. 11
Mount Mecha A9	407271701	Q13. 14
Mount Mecha A10	407271701	Q18. 21
Mount Mecha A11	407271701	Q26. 27
Mount Mecha A12	407271701	Q30. 32
Mount Mecha A13	407271701	Q36. 38
Mount Mecha A14	436180731	Q700
Mount Mecha A15	436180731	Q701
Mount Mecha A16	436180751	Q40
Mount Mecha A017	X40331084	
Mount Mecha A18	406161101 XX	IC300
Mount Mecha A19	403694841	R57
Mount Mecha A20	403694841	R58

1
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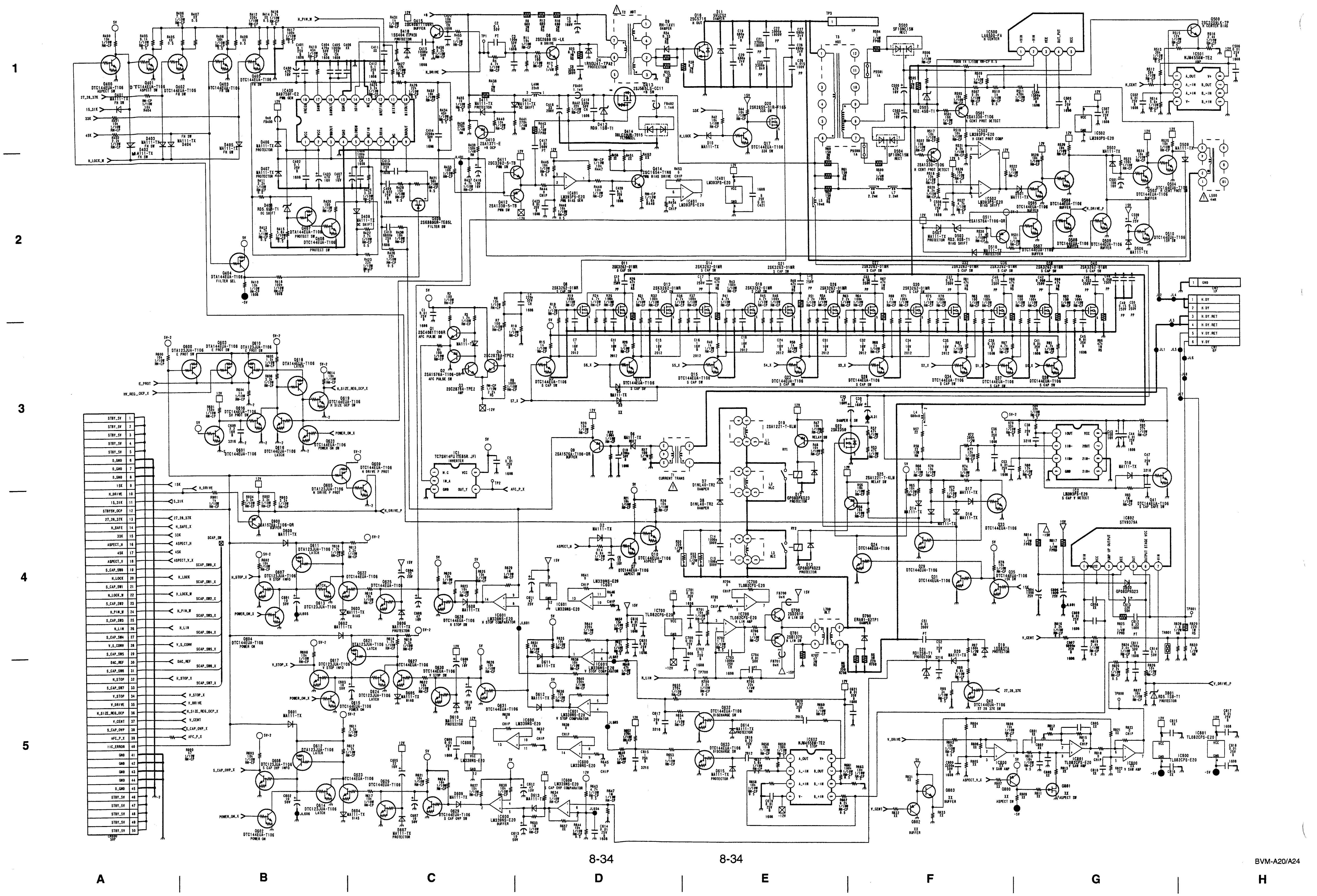
4
5

8-33

A B C D E F G H

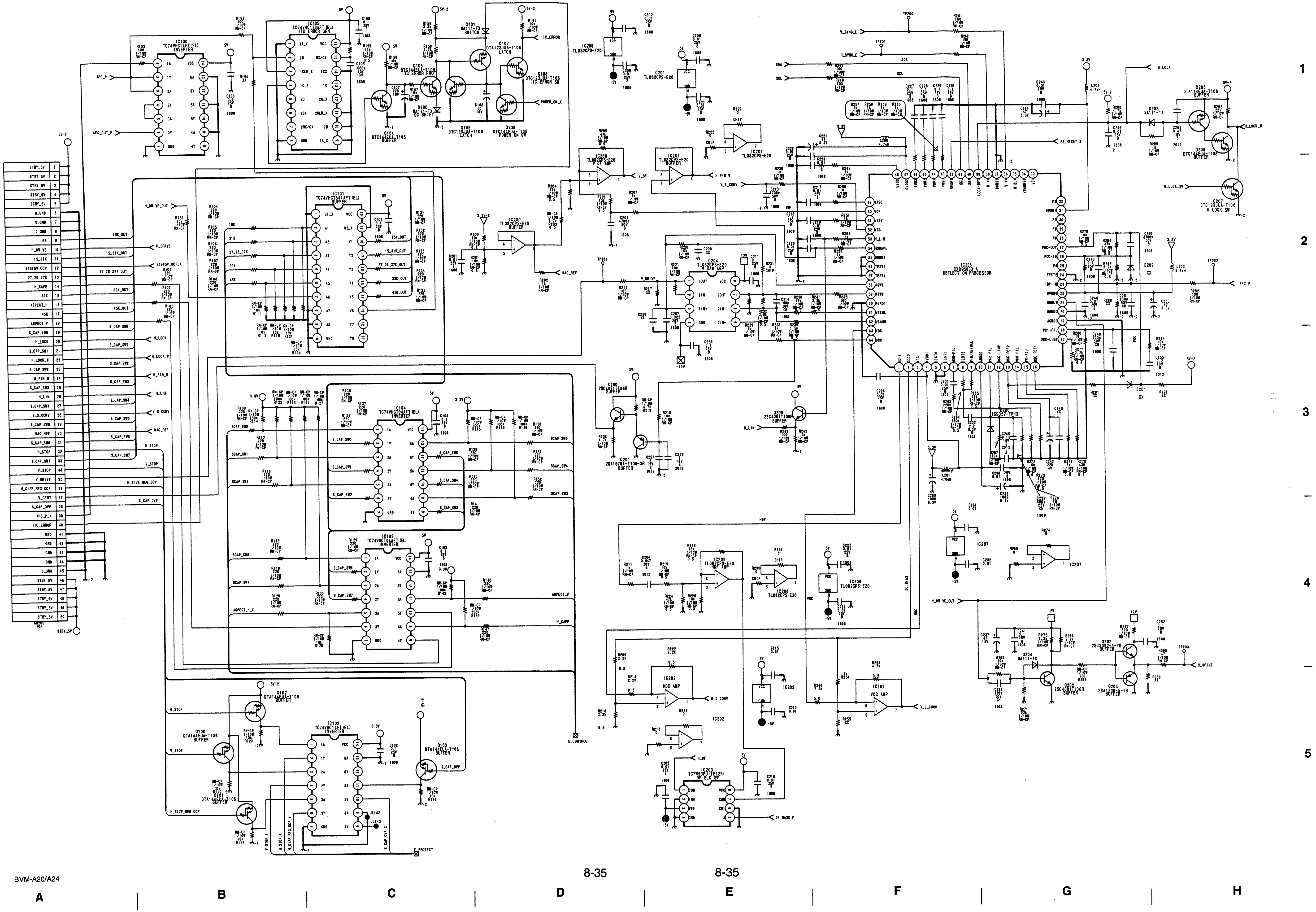
E (2/2) (BVM-A24)

E (2/2) (BVM-A24)


1
2
3
4
5
A
B
C
D
E
F
G
H
CN900 50P
1 STBY_5V
2 STBY_5V
3 STBY_5V
4 STBY_5V
5 STBY_5V
6 D_GND
7 D_GND
8 D_GND
9 15K
10 H_DRIVE
11 15_31K
12 STBY5V_OCP
13 27_28_37K
14 H_SAFE
15 33K
16 ASPECT_H
17 45K
18 ASPECT_V
19 S_CAP_SW0
20 H_LOCK
21 S_CAP_SW1
22 H_LOCK_W
23 S_CAP_SW2
24 H_PIN_W
25 S_CAP_SW3
26 H_LIN
27 S_CAP_SW4
28 V_S_CONV
29 S_CAP_SW5
30 DAC_REF
31 S_CAP_SW6
32 H_STOP
33 S_CAP_SW7
34 V_STOP
35 V_DRIVE
36 H_SIZE_REG_OCP
37 V_CENT
38 S_CAP_OVP
39 AFC_P_X
40 IIC_ERROR
41 GND
42 GND
43 GND
44 GND
45 D_GND
46 STBY_5V
47 STBY_5V
48 STBY_5V
49 STBY_5V
50 STBY_5V
E_PROT
HV_REG_OCP_X
H_SAFE_X
ASPECT_V_X
H_STOP_X
V_STOP_X
AFC_P_X
IC400 BA9759F-E2 PWM GEN
IC1 TC7SH14FU(TE85R,JF) INVERTER
IC401 LM393PS-E20
IC500 LA6500-FA
IC501 NJM4558M-TE2
IC502 LM393PS-E20
IC2 LM393PS-E20 S CAP V DETECT
IC802 STV9379A
IC600 LM339NS-E20
IC601 LM339NS-E20
IC700 TL082CPS-E20
IC602 NJM4558M-TE2
IC800 TL082CPS-E20
IC801 TL082CPS-E20
T1 CURRENT TRANS

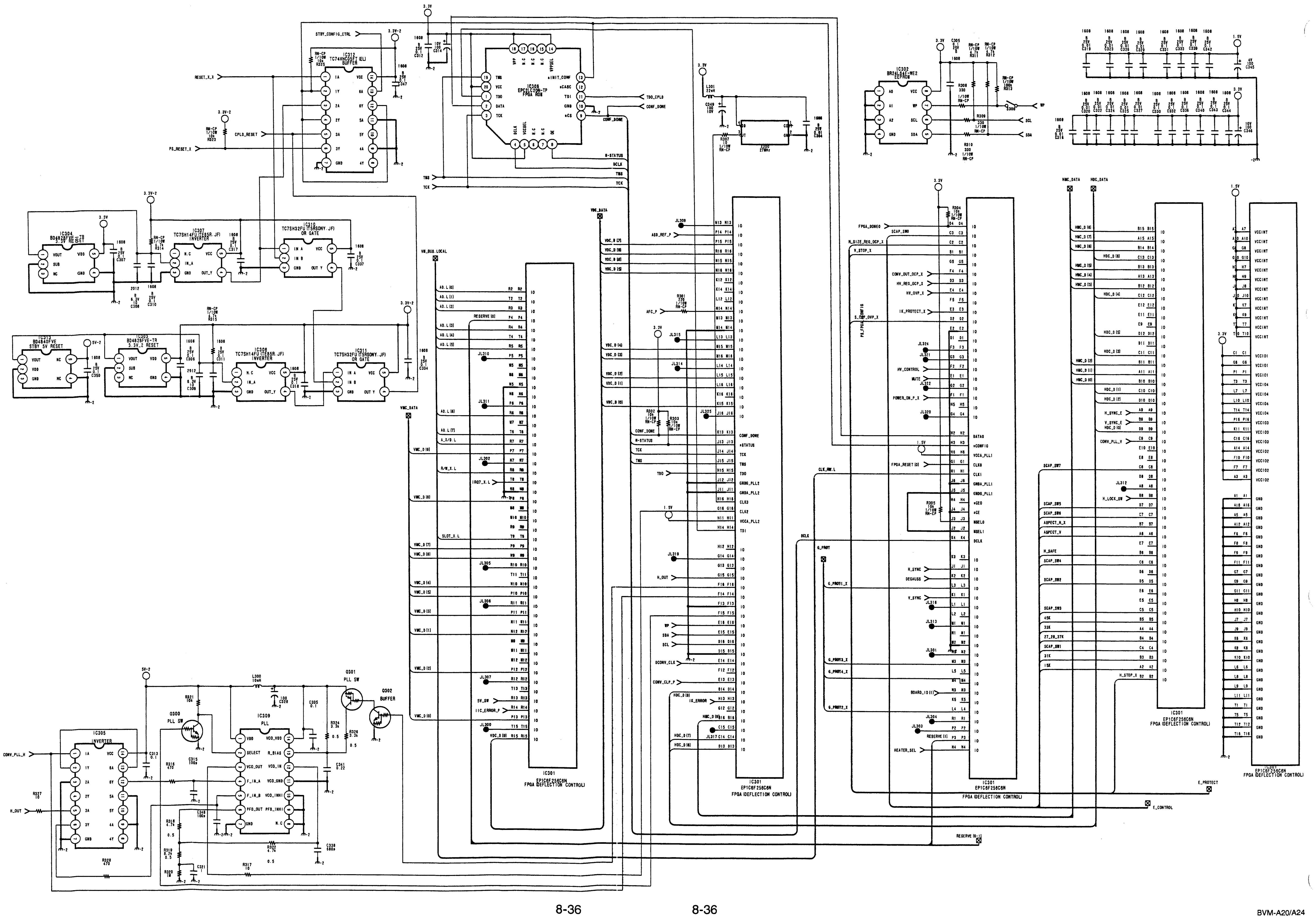
8-34

EA (1/5)


IC100 TC74VHC14FT (EL) INVERTER
IC105 TC74VHC123AFT (EL) I2C ERROR GEN
Q101 MA111-TX SWITCH
Q107 DTA123JUA-T106 LATCH
Q108 DTC123JUA-T106 I2C ERROR SW
Q105 DTC144EUA-T106 I2C ERROR PROT
D100 MA111-TX DC SHIFT
Q104 DTC144EUA-T106 BUFFER
Q106 DTC123JUA-T106 LATCH
Q109 DTC144EUA-T106 POWER ON SW
IC209 TL082CPS-E20
IC201 TL082CPS-E20
IC200 TL082CPS-E20 V DF AMP
IC201 TL082CPS-E20 BUFFER
IC200 TL082CPS-E20 BUFFER
IC101 TC74VHCT541AFT (EL) BUFFER
IC204 TL082CPS-E20 V SAW AMP
IC208 CXD95630-A DEFLECTION PROCESSOR
Q205 DTA144EUA-T106 BUFFER
Q206 DTC144EUA-T106 BUFFER
Q207 DTC123JUA-T106 H LOCK SW
D203 MA111-TX
D206 1SS357-TPH3
Q200 2SC4081T106R BUFFER
Q201 2SA1576A-T106-QR BUFFER
Q208 2SC4081T106R BUFFER
IC104 TC74VHCT04AFT (EL) INVERTER
IC103 TC74VHCT04AFT (EL) INVERTER
IC206 TL082CPS-E20 HDF AMP
IC206 TL082CPS-E20
IC207
IC202 HDC AMP
IC207 VDC AMP
IC203 TC7W53FU (TE12R) DF BLK SW
D204 MA111-TX
Q202 2SC4081T106R BUFFER
Q203 2SC3052-5-TB BUFFER
Q204 2SA1338-5-TB BUFFER
Q102 DTA144EUA-T106 BUFFER
Q100 DTA144EUA-T106 BUFFER
Q101 DTA144EUA-T106 BUFFER
Q103 DTA144EUA-T106 BUFFER
IC102 TC74VHC14FT (EL) INVERTER
CN200 50P
STBY_5V
D_GND
15K
H_DRIVE
15_31K
STBY5V_OCP
27_28_37K
H_SAFE
33K
ASPECT_H
45K
ASPECT_V
S_CAP_SW0
H_LOCK
S_CAP_SW1
H_LOCK_W
S_CAP_SW2
H_PIN_W
S_CAP_SW3
H_LIN
S_CAP_SW4
V_S_CONV
S_CAP_SW5
DAC_REF
S_CAP_SW6
H_STOP
S_CAP_SW7
V_STOP
V_DRIVE
H_SIZE_REG_OCP
V_CENT
S_CAP_OVP
AFC_P_X
I2C_ERROR
GND
AFC_P
AFC_OUT_P
POWER_ON_X
V_SYNC_X
H_SYNC_X
SDA
SCL
PS_RESET_X
V_DF
H_PIN_W
V_SAW
H_DRIVE_OUT
E_CONTROL
E_PROTECT
H_S_CONV
V_S_CONV
DF_MASK_P
H_DF
HDF
VDC
HDC
TP200
TP201
TP202
TP203
TP204
5V
5V-2
3.3V
12V
-5V
-12V
1
2
3
4
5
A
B
C
D
E
F
G
H

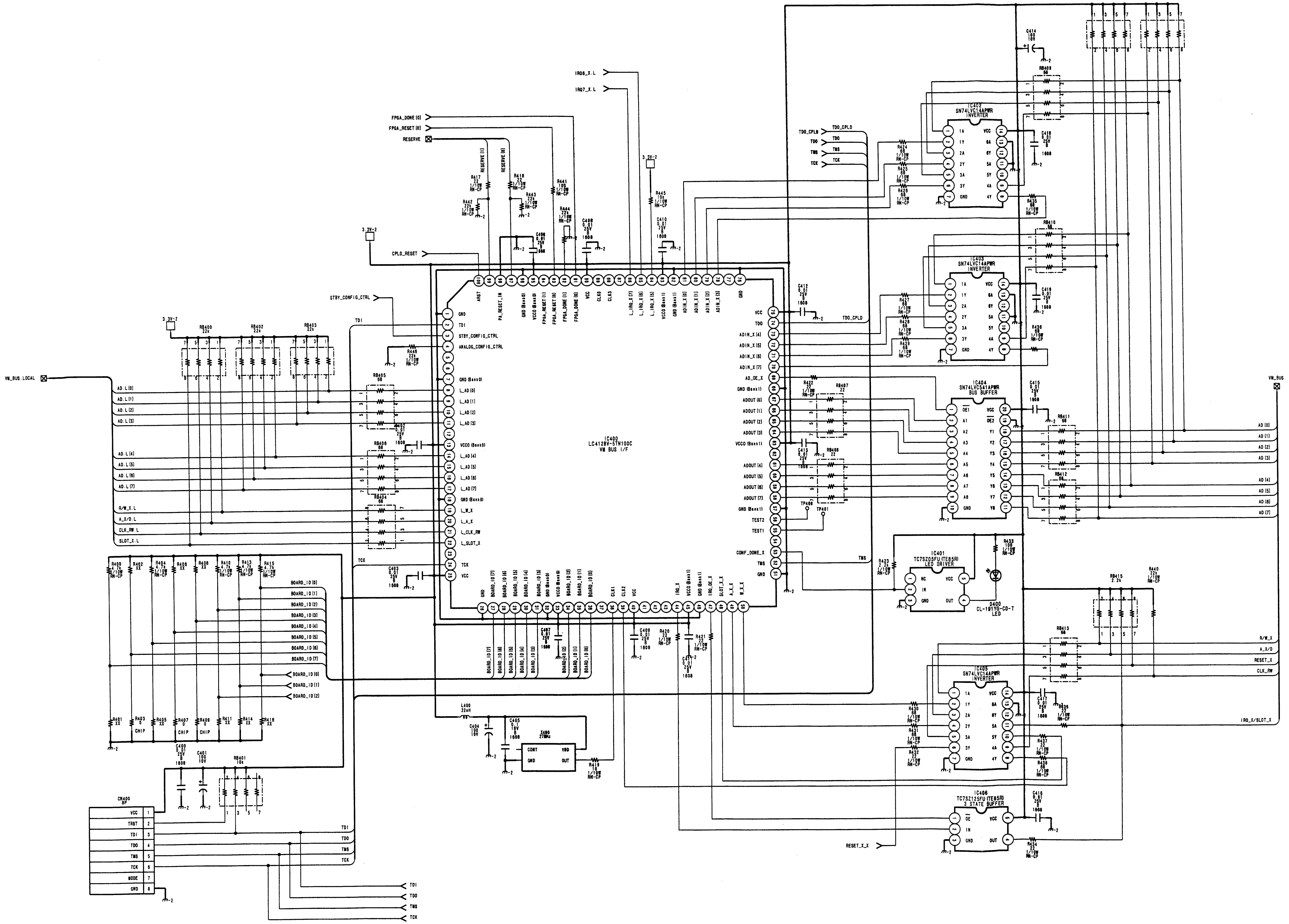
8-35

EA (2/5)


1
2
3
4
5
IC312 TC74VHC125FT (EL) BUFFER
IC308 EPC2LC20N-TP FPGA ROM
IC302 BR24L64F-WE2 EEPROM
IC304 BD4828FVE-TR 3.3V RESET
IC307 TC7SH14FU (TE85R.JF) INVERTER
IC310 TC7SH32FU (TE85R.JF) OR GATE
IC313 BD4840FVE STBY 5V RESET
IC303 BD4828FVE-TR 3.3V_2 RESET
IC306 TC7SH14FU (TE85R.JF) INVERTER
IC311 TC7SH32FU (TE85R.JF) OR GATE
IC305 INVERTER
IC309 PLL
Q300 PLL SW
Q301 PLL SW
Q302 BUFFER
IC301 EP1C6F256C6N FPGA (DEFLECTION CONTROL)
STBY_CONFIG_CTRL
RESET_X_X
CPLD_RESET
PS_RESET_X
TDO_CPLD
CONF_DONE
TMS
TCK
VB_BUS_LOCAL
VBC_DATA
HDC_DATA
CONV_PLL_H
H_OUT
E_PROTECT
E_CONTROL
RESERVE (0-1)
A
B
C
D
E
F
G
H

8-36

EA (3/5)


IC400
LC4128V-5TN100C
VM BUS I/F
IC402
SN74LVC14APWR
INVERTER
IC403
SN74LVC14APWR
INVERTER
IC404
SN74LVC541APWR
BUS BUFFER
IC401
TC7SZ05FU(TE85R)
LED DRIVER
D400
CL-191YG-CD-T
LED
IC405
SN74LVC14APWR
INVERTER
IC406
TC7SZ125FU(TE85R)
3 STATE BUFFER
X400
27MHz
L400
22uH
CN400
8P
VCC
TRST
TDI
TDO
TMS
TCK
MODE
GND
VM_BUS.LOCAL
VM_BUS
FPGA_DONE(0)
FPGA_RESET(0)
RESERVE
CPLD_RESET
STBY_CONFIG_CTRL
IRQ6_X.L
IRQ7_X.L
3.3V-2
AD.L(0)
AD.L(1)
AD.L(2)
AD.L(3)
AD.L(4)
AD.L(5)
AD.L(6)
AD.L(7)
R/W_X.L
A_X/D.L
CLK_RW.L
SLOT_X.L
BOARD_ID(0)
BOARD_ID(1)
BOARD_ID(2)
BOARD_ID(3)
BOARD_ID(4)
BOARD_ID(5)
BOARD_ID(6)
BOARD_ID(7)
TDO_CPLD
AD(0)
AD(1)
AD(2)
AD(3)
AD(4)
AD(5)
AD(6)
AD(7)
R/W_X
A_X/D
RESET_X
CLK_RW
IRQ_X/SLOT_X
RESET_X_X
TP400
TP401

1
2
3
4
5

8-37

A B C D E F G H

EA (4/5)

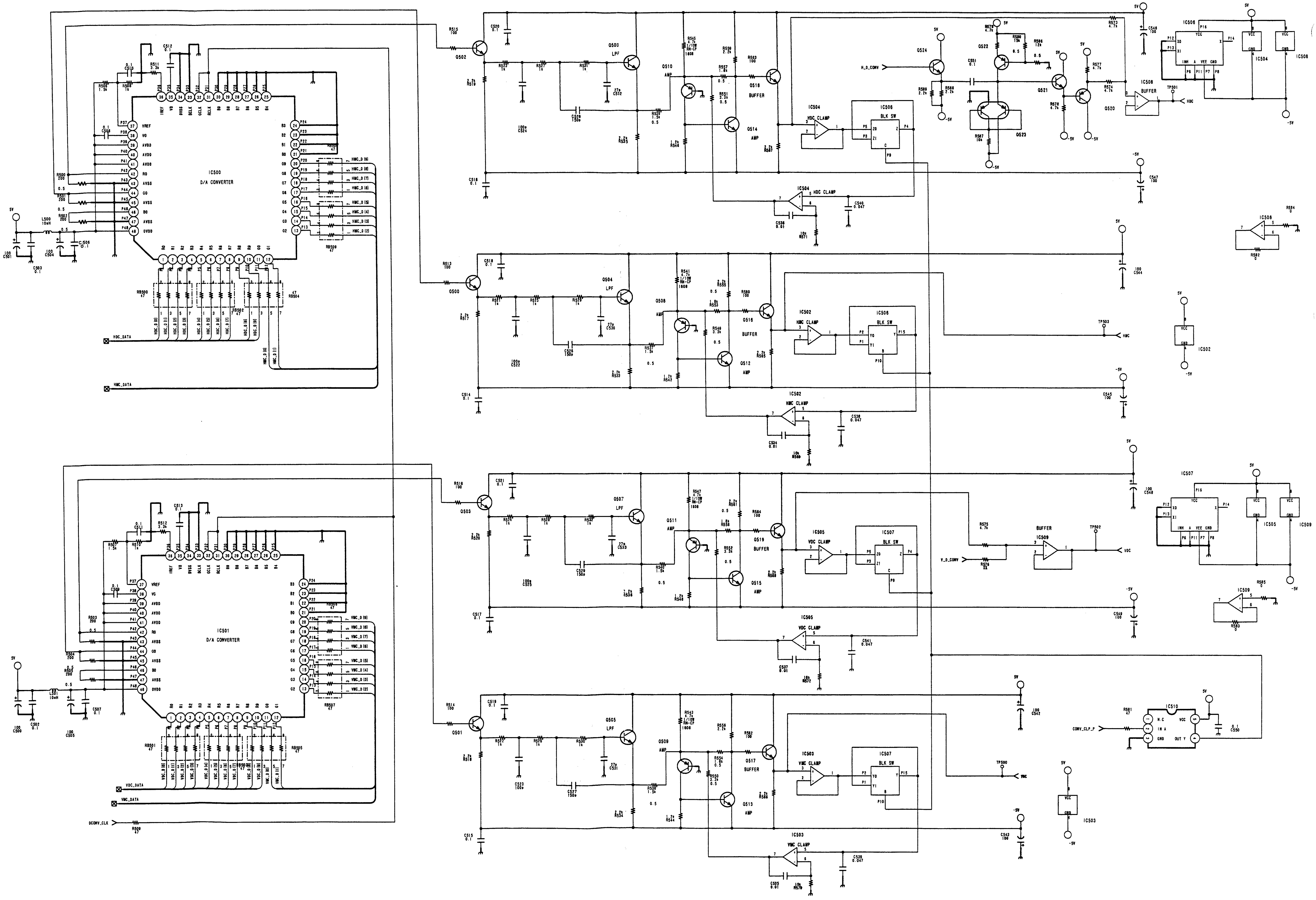
1

2

3

4

5

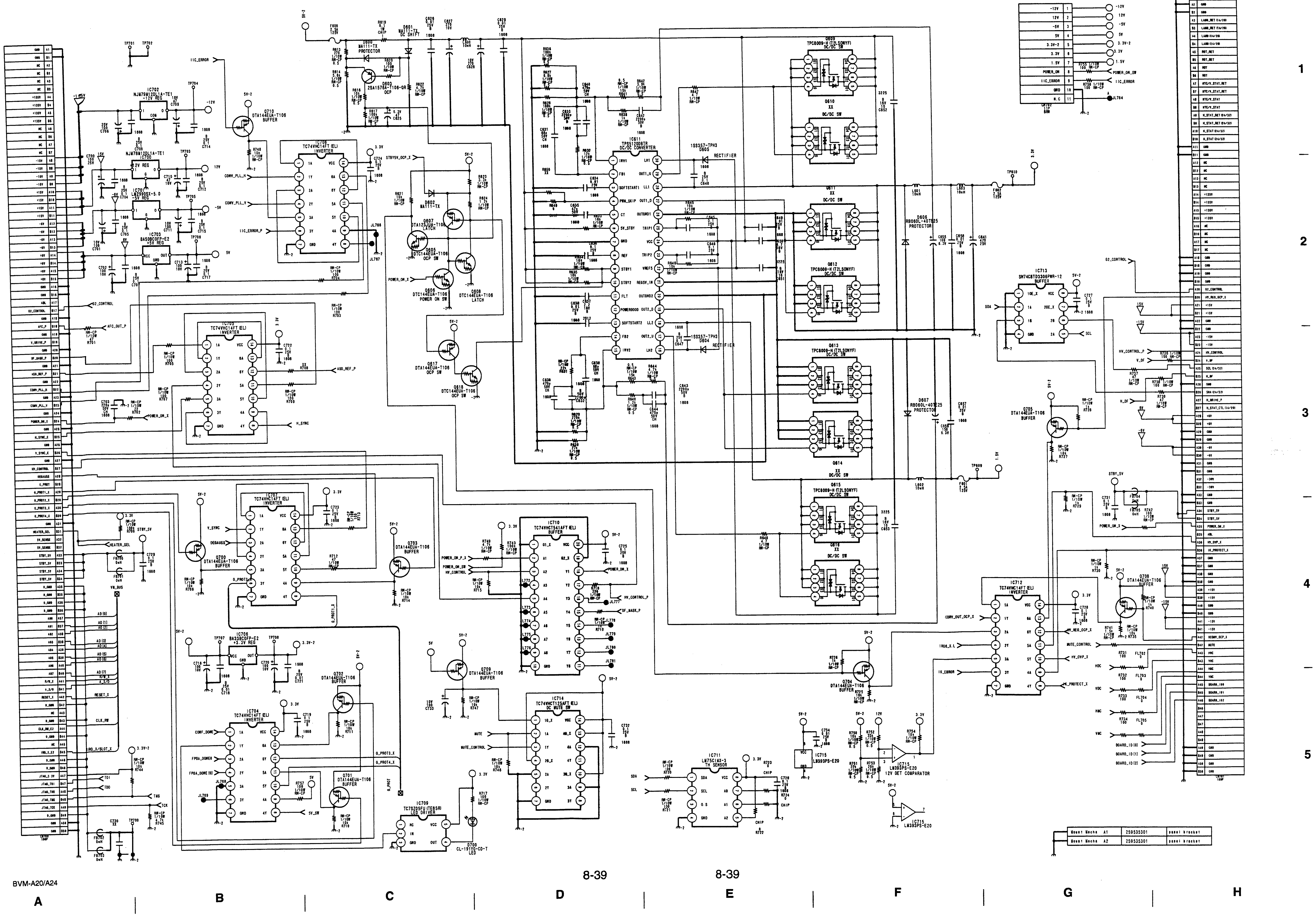

IC500
D/A CONVERTER
IC501
D/A CONVERTER
HDC_DATA
HMC_DATA
VDC_DATA
VMC_DATA
DCONV_CLK
Q502
Q503 LPF
Q510 AMP
Q518 BUFFER
Q514 AMP
IC504 HDC CLAMP
IC506 BLK SW
H_D_CONV
Q524
Q522
Q523
Q521
Q520
IC508 BUFFER
TP501
HDC
IC506
IC504
IC508
Q500
Q504 LPF
Q508 AMP
Q516 BUFFER
Q512 AMP
IC502 HMC CLAMP
IC506 BLK SW
IC502 HMC CLAMP
TP503
HMC
IC502
Q503
Q507 LPF
Q511 AMP
Q519 BUFFER
Q515 AMP
IC505 VDC CLAMP
IC507 BLK SW
IC505 VDC CLAMP
V_D_CONV
IC509 BUFFER
TP502
VDC
IC507
IC505
IC509
Q501
Q505 LPF
Q509 AMP
Q517 BUFFER
Q513 AMP
IC503 VMC CLAMP
IC507 BLK SW
IC503 VMC CLAMP
TP500
VMC
IC510
CONV_CLP_P
IC503
5V
-5V

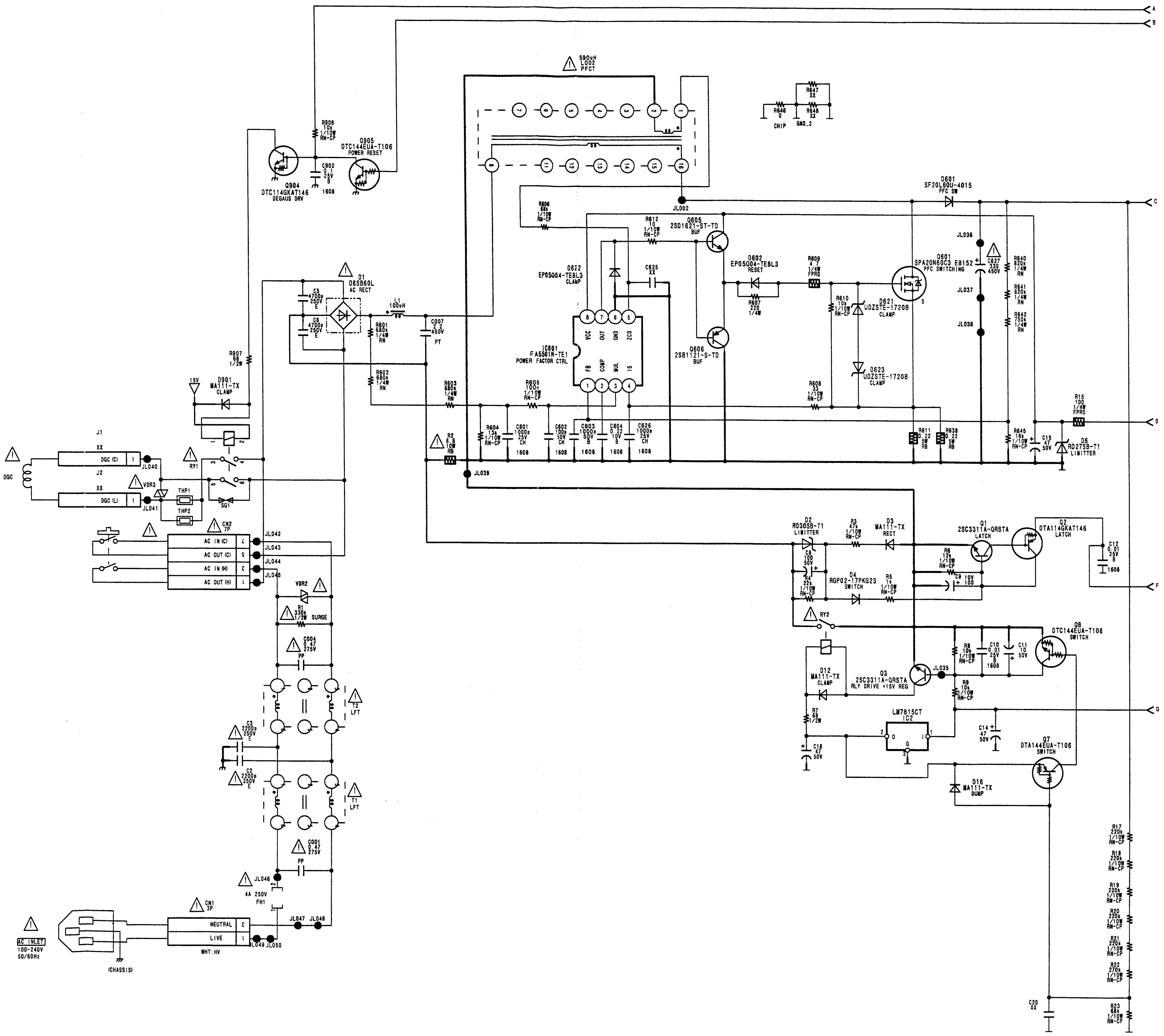
8-38

A | B | C | D | E | F | G | H

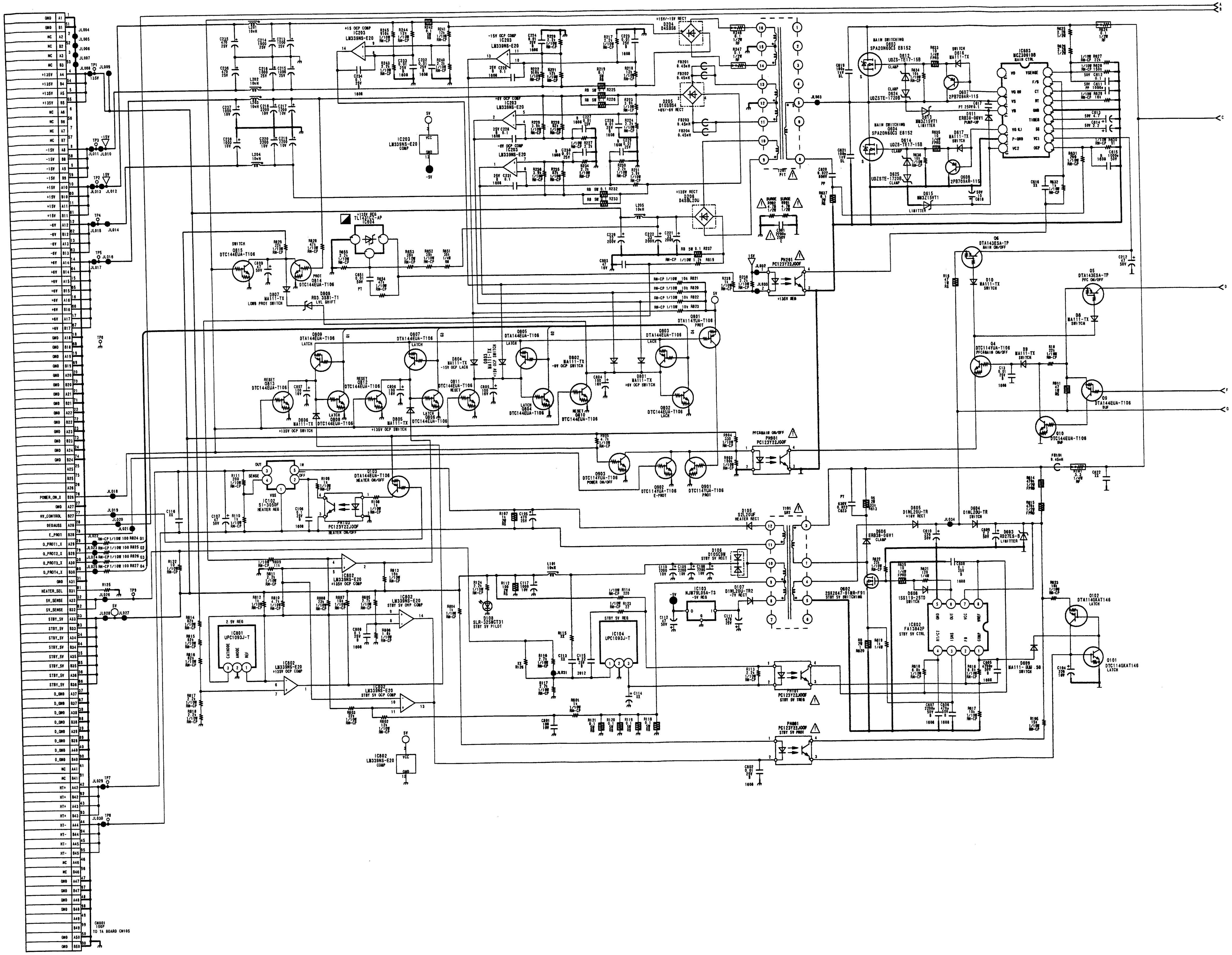
EA (5/5)

EA (5/5)


IC702
NJM78M12DL1A-TE1
+12V REG
IC700
NJM78M12DL1A-TE1
+12V REG
IC701
LM2990SX-5.0
-5V REG
IC703
BA50BC0FP-E2
+5V REG
Q710
DTA144EUA-T106
BUFFER
IC706
TC74VHC14FT (EL)
INVERTER
IC705
TC74VHC14FT (EL)
INVERTER
IC707
TC74VHC14FT (EL)
INVERTER
IC704
TC74VHC14FT (EL)
INVERTER
IC708
BA33BC0FP-E2
+3.3V REG
Q700
DTA144EUA-T106
BUFFER
Q702
DTA144EUA-T106
BUFFER
Q701
DTA144EUA-T106
BUFFER
Q703
DTA144EUA-T106
BUFFER
IC709
TC7S205FU (TE85R)
LED DRIVER
D700
CL-191YG-CD-T
LED
Q709
DTA144EUA-T106
BUFFER
D600
MA111-TX
PROTECTOR
Q603
2SA1576A-T106-QR
OCP
D601
MA111-TX
DC SHIFT
D602
MA111-TX
Q607
DTA123JUA-T106
LATCH
Q605
DTC144EUA-T106
OCP SW
Q606
DTC144EUA-T106
POWER ON SW
Q608
DTC144EUA-T106
LATCH
Q617
DTA144EUA-T106
OCP SW
Q618
DTC144EUA-T106
OCP SW
IC611
TPS5120DBTR
DC/DC CONVERTER
D605
1SS357-TPH3
RECTIFIER
D604
1SS357-TPH3
RECTIFIER
IC710
TC74VHC541AFT (EL)
BUFFER
IC714
TC74VHCT125AFT (EL)
DC MUTE SW
IC711
LM75CIMX-3
TH SENSOR
Q609
TPC8009-H (T2LSONYF)
DC/DC SW
Q610
DC/DC SW
Q611
DC/DC SW
Q612
TPC8009-H (T2LSONYF)
DC/DC SW
Q613
TPC8009-H (T2LSONYF)
DC/DC SW
Q614
DC/DC SW
Q615
TPC8009-H (T2LSONYF)
DC/DC SW
Q616
DC/DC SW
D606
RB060L-40TE25
PROTECTOR
D607
RB060L-40TE25
PROTECTOR
IC713
SN74CBTD3306PWR-12
BUFFER
Q705
DTA144EUA-T106
BUFFER
IC712
TC74VHC14FT (EL)
INVERTER
Q708
DTA144EUA-T106
BUFFER
Q704
DTA144EUA-T106
BUFFER
IC715
LM393PS-E20
12V DET COMPARATOR
IC715
LM393PS-E20
CN702
CN700
CN701
-12V
12V
-5V
5V
3.3V-2
3.3V
1.5V
POWER_ON
IIC_ERROR
GND
N.C
Mount Mecha A1 | 259535301 | panel bracket
Mount Mecha A2 | 259535301 | panel bracket
1
2
3
4
5
A
B
C
D
E
F
G
H


1
2
3
4
5
A
B
C
D
E
F
G
H
A
B
C
D
E
F
G
590uH
L002
PFCT
R647
XX
R646
0
R648
XX
CHIP
GND_2
R906
10k
1/10W
RN-CP
Q905
DTC144EUA-T106
POWER RESET
C902
0.1
25V
B
1608
Q904
DTC114GKAT146
DEGAUS DRV
R606
68k
1/10W
RN-CP
JL002
R612
10
1/10W
RN-CP
Q605
2SD1621-ST-TD
BUF
D622
EP05Q04-TE8L3
CLAMP
C625
XX
D602
EP05Q04-TE8L3
RESET
R607
220
1/4W
R609
4.7
1/4W
FPRD
D601
SF20L60U-4015
PFC SW
Q601
SPA20N60C3 E8152
PFC SWITCHING
S
C627
330
450V
JL036
JL037
JL038
R640
820k
1/4W
RN
R641
820k
1/4W
RN
R642
750k
1/4W
RN
R610
10k
1/10W
RN-CP
D621
UDZSTE-1720B
CLAMP
D623
UDZSTE-1720B
CLAMP
Q606
2SB1121-S-TD
BUF
IC601
FA5501N-TE1
POWER FACTOR CTRL
VCC
OUT
GND
ZCD
FB
COMP
MUL
IS
D1
D6SB60L
AC RECT
C5
4700p
250V
E
C6
4700p
250V
E
L1
100uH
R601
680k
1/4W
RN
C007
2.2
450V
PT
R602
680k
1/4W
RN
R603
680k
1/4W
RN
R605
100k
1/10W
RN-CP
R608
33
1/10W
RN-CP
R15
100
1/4W
FPRD
R907
68
1/2W
15V
D901
MA111-TX
CLAMP
R2
6.8
10W
RB
R604
13k
1/10W
RN-CP
C601
1000p
25V
CH
1608
C602
100p
50V
CH
1608
C603
1000p
50V
B
1608
C604
0.22
10V
B
1608
C626
1000p
25V
CH
1608
R611
0.22
5W
RB
R638
0.22
5W
RB
R645
16k
1/10W
RN-CP
C15
47
50V
D6
RD27SB-T1
LIMITTER
JL039
J1
XX
DGC (C)
JL040
DGC
J2
XX
DGC (L)
JL041
VDR3
RY1
THP1
THP2
SG1
CN2
7P
AC IN (C)
AC OUT (C)
AC IN (H)
AC OUT (H)
JL042
JL043
JL044
JL045
VDR2
R1
330k
1/2W
SURGE
C004
0.47
275V
PP
T2
LFT
C3
2200p
250V
E
C2
2200p
250V
E
T1
LFT
C001
0.47
275V
PP
JL046
4A 250V
FH1
CN1
3P
NEUTRAL
LIVE
WHT:HV
JL047
JL048
JL049
JL050
AC INLET
100-240V
50/60Hz
(CHASSIS)
D2
RD30SB-T1
LIMITTER
R3
47k
1/10W
RN-CP
D3
MA111-TX
RECT
Q1
2SC3311A-QRSTA
LATCH
Q2
DTA114GKAT146
LATCH
C12
0.01
25V
B
1608
C8
100
50V
R6
12k
1/10W
RN-CP
C9 10V
100
R4
22k
1/10W
RN-CP
D4
RGP02-17PKG23
SWITCH
R5
1k
1/10W
RN-CP
RY2
Q8
DTC144EUA-T106
SWITCH
R8
10k
1/10W
RN-CP
C10
0.01
25V
B
1608
C11
10
50V
D12
MA111-TX
CLAMP
Q3
2SC3311A-QRSTA
RLY DRIVE +15V REG
JL035
R9
10k
1/10W
RN-CP
R7
68
1/2W
LM7815CT
IC2
O
I
G
C14
47
50V
C18
47
50V
Q7
DTA144EUA-T106
SWITCH
D16
MA111-TX
DUMP
R17
220k
1/10W
RN-CP
R18
220k
1/10W
RN-CP
R19
220k
1/10W
RN-CP
R20
220k
1/10W
RN-CP
R21
220k
1/10W
RN-CP
R22
270k
1/10W
RN-CP
C20
XX
R23
68k
1/10W
RN-CP

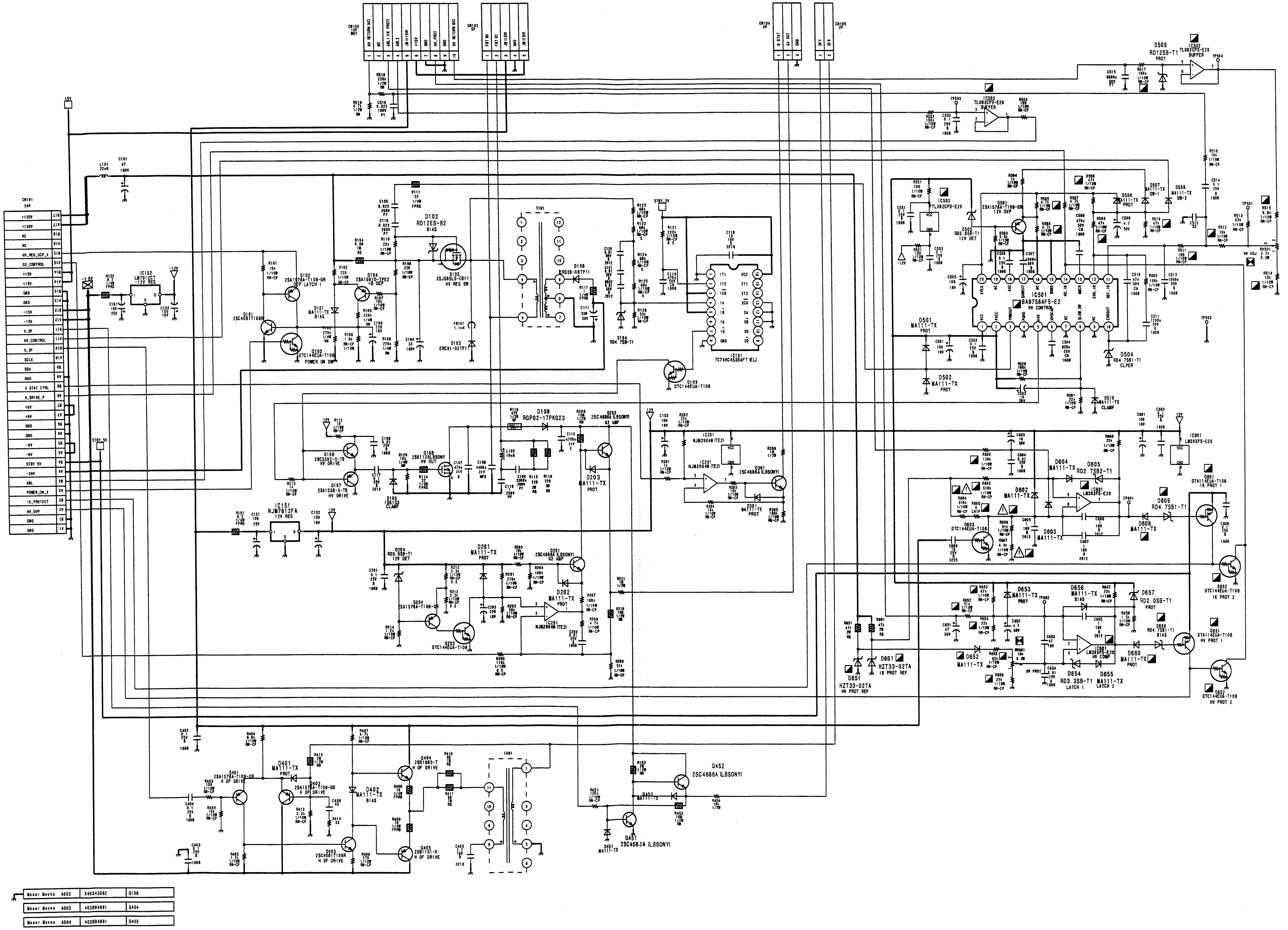
G (2/2)


1
2
3
4
5
IC203
LM339NS-E20
COMP
5V
-5V
IC603
MAIN CTRL
PH201
PC123Y22J00F
+135V REG
PH501
PFC&MAIN ON/OFF
T101
SRT
IC102
SI-3050F
HEATER REG
PH102
PC123Y22J00F
HEATER ON/OFF
IC801
UPC1093J-T
IC802
LM339NS-E20
IC104
UPC1093J-T
IC103
NJM79L05A-T3
-5V REG
IC602
FA13842P
STBY 5V CTRL
PH601
PC123Y22J00F
STBY 5V PROT
PH101
PC123Y22J00F
STBY 5V REG
Q601
2SK2647-01MR-F91
STBY 5V SWITCHING
Q102
DTA114GKAT146
LATCH
Q101
DTC114GKAT146
LATCH
CN001
100P
TO TK BOARD CN105
POWER_ON_X
HV_CONTROL
DEGAUSS
E_PROT1
O_PROT1_X
O_PROT2_X
O_PROT3_X
O_PROT4_X
HEATER_SEL
5V_SENSE
STBY_5V
D_GND
HT+
HT-

8-41

A B C D E F G H

PA (BVM-A20) PA (BVM-A20)

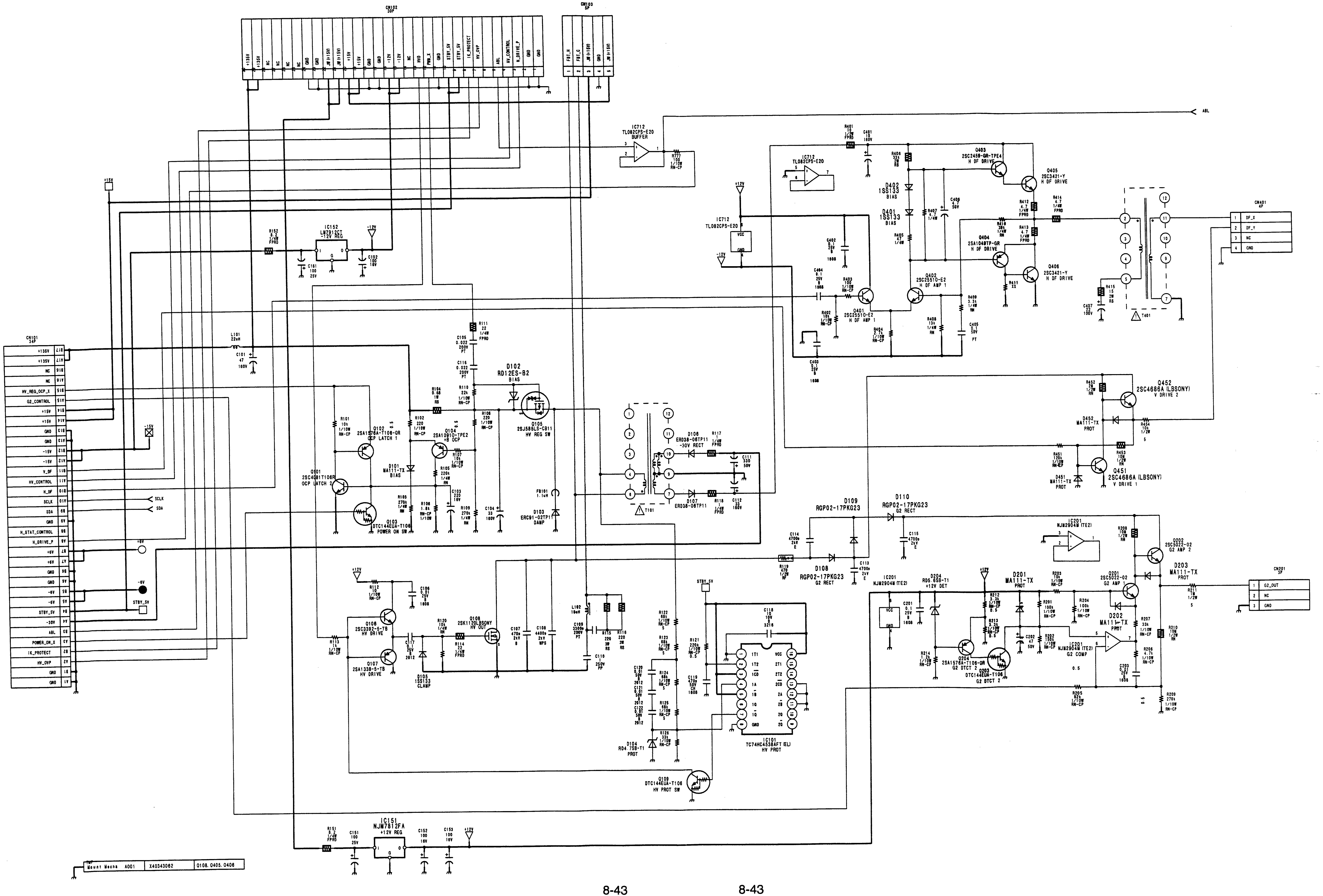

1
2
3
4
5
CN101
34P
B17 +135V
A17 +135V
B16 NC
A16 NC
B15 HV_REG_OCP_X
A15 G2_CONTROL
B14 +15V
A14 +15V
B13 GND
A13 GND
B12 -15V
A12 -15V
B11 V_DF
A11 HV_CONTROL
B10 H_DF
A10 SCLK
B9 SDA
A9 GND
B8 H STAT CTRL
A8 H_DRIVE_P
B7 +6V
A7 +6V
B6 GND
A6 GND
B5 -6V
A5 -6V
B4 STBY 5V
A4 -30V
B3 ABL
A3 POWER_ON_X
B2 IK_PROTECT
A2 HV_OVP
B1 GND
A1 GND
CN102
CN103
CN104
CN105
15V
-1.5V
STBY_5V
IC152 LM7912CT 12V REG
IC151 NJM7812FA 12V REG
IC101 TC74HC4538AFT(EL)
IC201 NJM2904M(TE2)
IC501 BA9758AFS-E2 HV CONTROL
IC502 TL082CPS-E20 BUFFER
IC601 LM393PS-E20
T101
T401
D102 RD12ES-B2 BIAS
D108 RGP02-17PKG23
Q105 2SJ565LS-CB11 HV REG SW
D509 RD12SB-T1 PROT
D601 HZT33-02TA IK PROT REF
D651 HZT33-02TA HV PROT REF
Q452 2SC4686A(LBSONY)
Q451 2SC4683A(LBSONY)

Mount Mecha A002	X40343082	Q108
Mount Mecha A003	403694891	Q404
Mount Mecha A004	403694891	Q405

A B C D E F G H

PA (BVM-A24) (1/2)

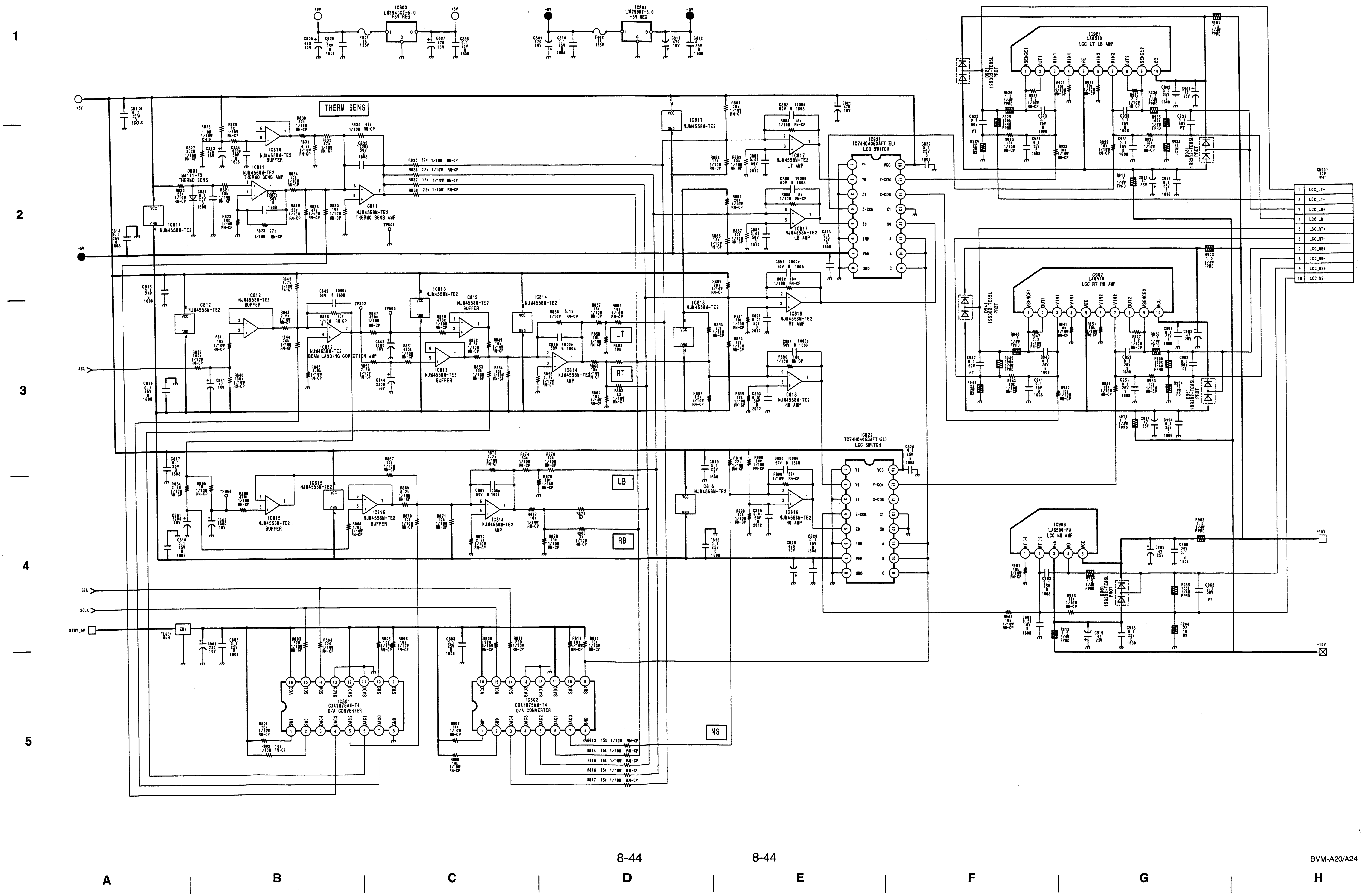
PA (BVM-A24) (1/2)


CN102 30P
CN103 5P
CN101 34P
CN401 4P
CN301 3P
IC712 TL082CPS-E20 BUFFER
IC152 LM7912CT -12V REG
IC151 NJM7812FA +12V REG
IC201 NJM2904M (TE2)
IC201 NJM2904M (TE2) G2 COMP
IC101 TC74HC4538AFT (EL) HV PROT
Q101 2SC4081T106R OCP LATCH 2
Q102 2SA1576A-T106-QR OCP LATCH 1
Q103 DTC144EUA-T106 POWER ON SW
Q104 2SA1091O-TPE2 +B OCP
Q105 2SJ585LS-CB11 HV REG SW
Q106 2SC3392-5-TB HV DRIVE
Q107 2SA1338-5-TB HV DRIVE
Q108 2SK1120LBSONY HV OUT
Q109 DTC144EUA-T106 HV PROT SW
D101 MA111-TX BIAS
D102 RD12ES-B2 BIAS
D103 ERC91-02TP11 DAMP
D104 RD4.7SB-T1 PROT
D105 1SS133 CLAMP
D106 ERD38-06TP11 -30V RECT
D107 ERD38-06TP11
D108 RGP02-17PKG23 G2 RECT
D109 RGP02-17PKG23
D110 RGP02-17PKG23 G2 RECT
T101
Q401 2SC2551O-E2 H DF AMP 1
Q402 2SC2551O-E2 H DF AMP 1
Q403 2SC2458-GR-TPE4 H DF DRIVE
Q404 2SA1049TP-GR H DF DRIVE
Q405 2SC3421-Y H DF DRIVE
Q406 2SC3421-Y H DF DRIVE
D401 1SS133 BIAS
D402 1SS133 BIAS
T401
Q451 2SC4686A (LBSONY) V DRIVE 1
Q452 2SC4686A (LBSONY) V DRIVE 2
D451 MA111-TX PROT
D452 MA111-TX PROT
Q201 2SC5022-02 G2 AMP
Q202 2SC5022-02 G2 AMP 2
Q203 DTC144EUA-T106 G2 DTCT 2
Q204 2SA1576A-T106-QR G2 DTCT 2
D201 MA111-TX PROT
D202 MA111-TX PROT
D203 MA111-TX PROT
D204 RD5.6SB-T1 +12V DET
L101 22uH
L102 10mH
FB101 1.1uH
+15V
-15V
+12V
-12V
+6V
-6V
STBY_5V
ABL
SCLK
SDA
DF_X
DF_Y
NC
GND
G2_OUT
+135V
HV_REG_OCP_X
G2_CONTROL
V_DF
HV_CONTROL
H_DF
H_STAT_CONTROL
H_DRIVE_P
-30V
POWER_ON_X
IK_PROTECT
HV_OVP
FBT_H
FBT_C
Mount Mecha A001 X40343062 Q108, Q405, Q406
1
2
3
4
5
A
B
C
D
E
F
G
H

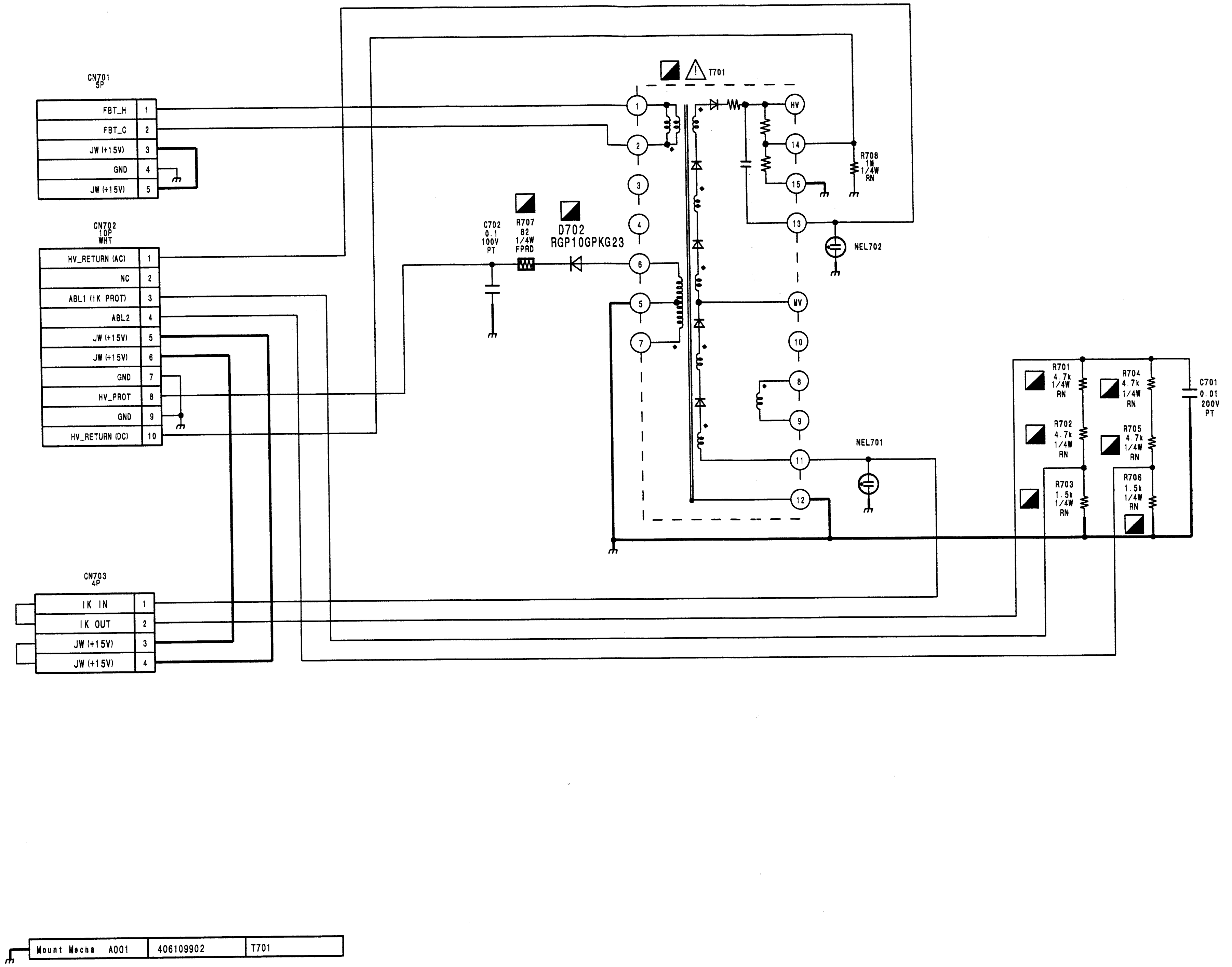
8-43

PA (BVM-A24) (2/2)

PA (BVM-A24) (2/2)


IC803
LM2940CT-5.0
+5V REG
IC804
LM2990T-5.0
-5V REG
THERM SENS
D801
MA111-TX
THERM SENS
IC811
NJM4558M-TE2
THERMO SENS AMP
IC816
NJM4558M-TE2
BUFFER
IC812
NJM4558M-TE2
BUFFER
BEAM LANDING CORECTION AMP
IC813
NJM4558M-TE2
BUFFER
IC814
NJM4558M-TE2
AMP
LT
RT
LB
RB
NS
IC815
NJM4558M-TE2
BUFFER
IC817
NJM4558M-TE2
LT AMP
LB AMP
IC818
NJM4558M-TE2
RT AMP
RB AMP
IC816
NJM4558M-TE2
NS AMP
IC821
TC74HC4053AFT (EL)
LCC SWITCH
IC822
TC74HC4053AFT (EL)
LCC SWITCH
IC801
CXA1875AM-T4
D/A CONVERTER
IC802
CXA1875AM-T4
D/A CONVERTER
IC901
LA6510
LCC LT LB AMP
IC902
LA6510
LCC RT RB AMP
IC903
LA6500-FA
LCC NS AMP
CN901
10P
WHT
LCC_LT+
LCC_LT-
LCC_LB+
LCC_LB-
LCC_RT+
LCC_RT-
LCC_RB+
LCC_RB-
LCC_NS+
LCC_NS-
+5V
-5V
+15V
-15V
ABL
SDA
SCLK
STBY_5V
FL801
EMI
1
2
3
4
5
A
B
C
D
E
F
G
H

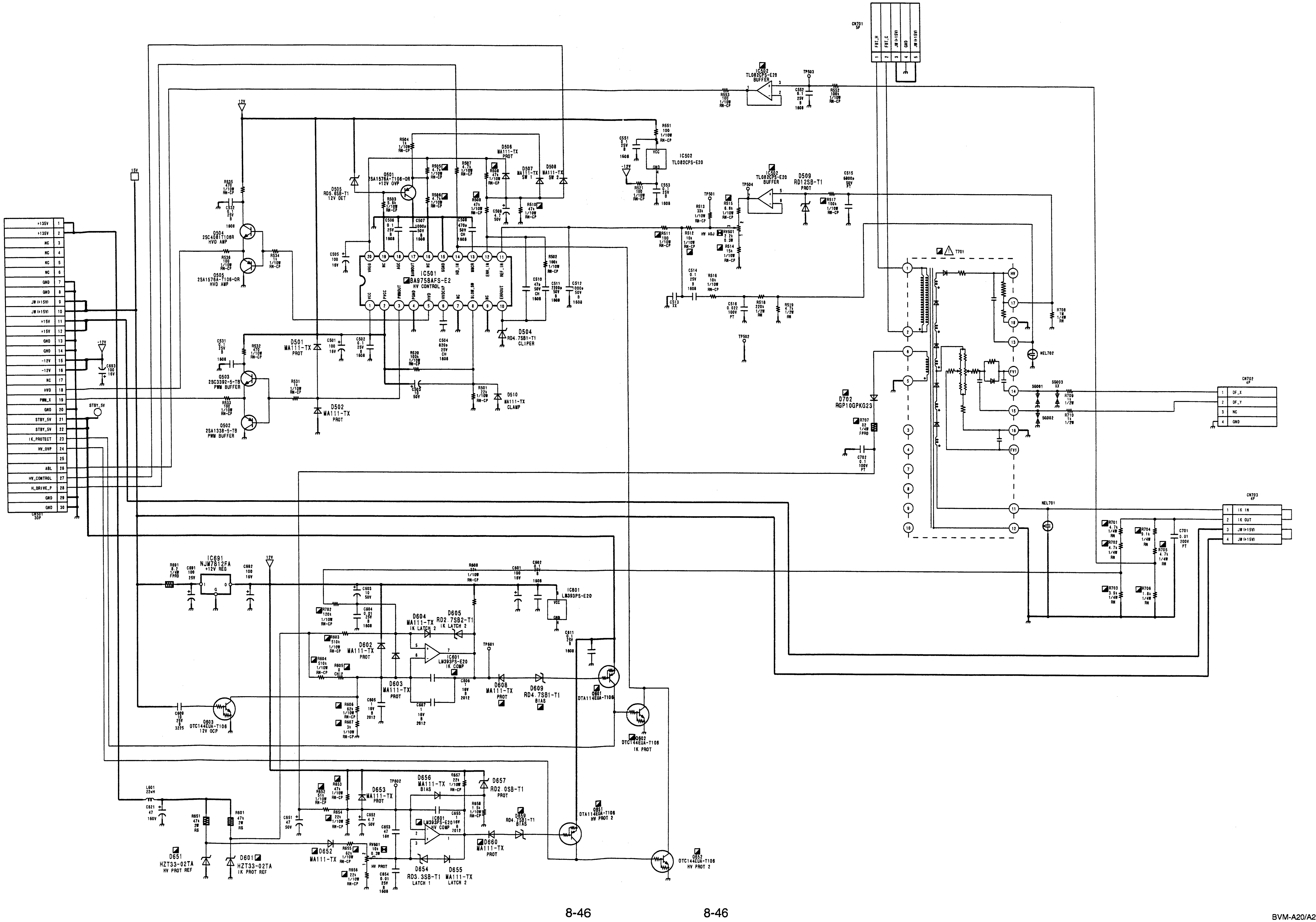
PC (BVM-A20)


T701
CN701
5P
FBT_H 1
FBT_C 2
JW (+15V) 3
GND 4
JW (+15V) 5
CN702
10P
WHT
HV_RETURN (AC) 1
NC 2
ABL1 (IK PROT) 3
ABL2 4
JW (+15V) 5
JW (+15V) 6
GND 7
HV_PROT 8
GND 9
HV_RETURN (DC) 10
C702
0.1
100V
PT
R707
82
1/4W
FPRD
D702
RGP10GPKG23
1
2
3
4
5
6
7
HV
14
15
13
MV
10
8
9
11
12
R708
1M
1/4W
RN
NEL702
NEL701
R701
4.7k
1/4W
RN
R702
4.7k
1/4W
RN
R703
1.5k
1/4W
RN
R704
4.7k
1/4W
RN
R705
4.7k
1/4W
RN
R706
1.5k
1/4W
RN
C701
0.01
200V
PT
CN703
4P
IK IN 1
IK OUT 2
JW (+15V) 3
JW (+15V) 4
Mount Mecha A001
406109902
T701

8-45

PC (BVM-A24)

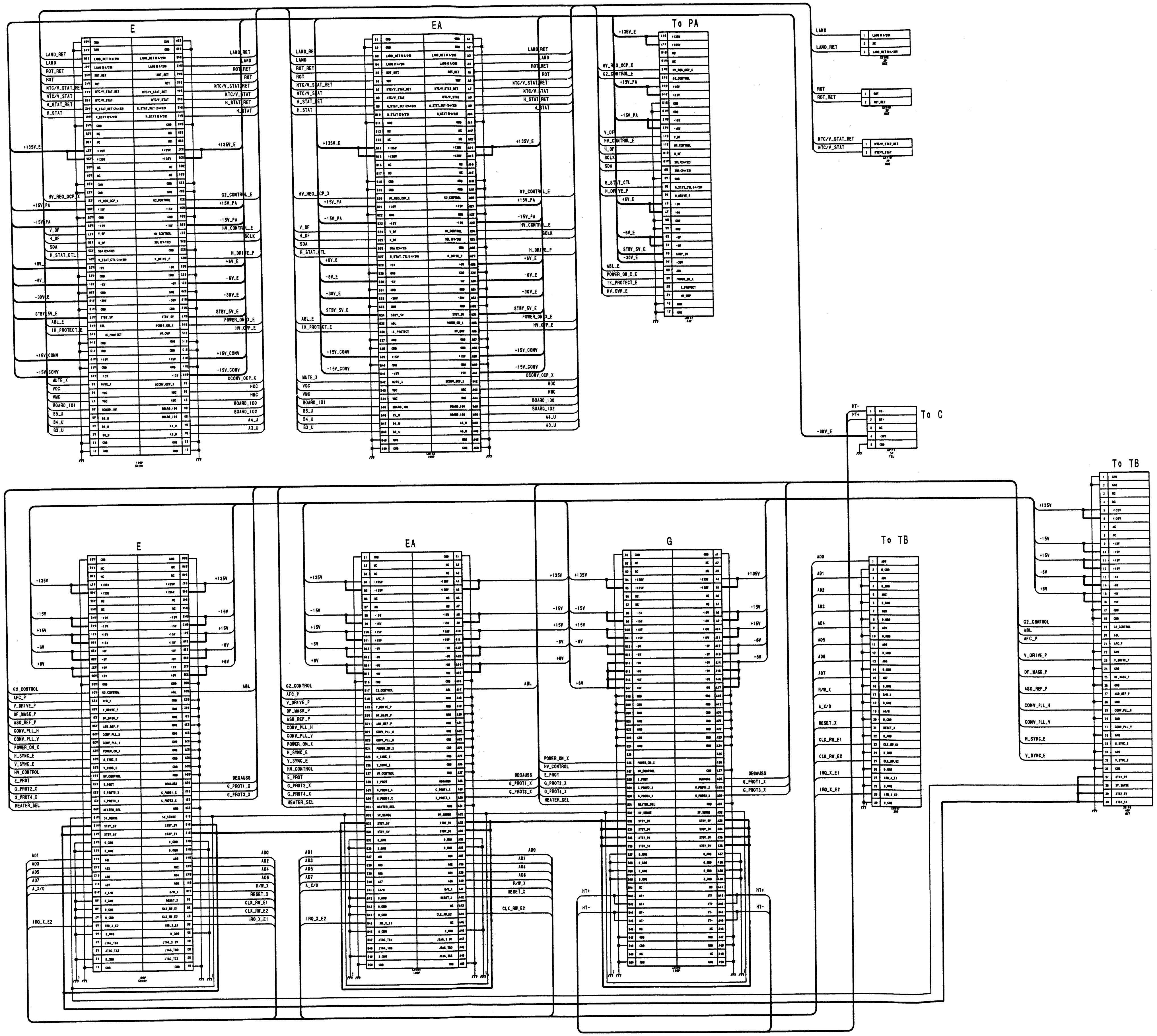
PC (BVM-A24)


1
2
3
4
5
CN501 30P
+135V
GND
JW (+15V)
+15V
-12V
NC
HVD
PWM_X
STBY_5V
IK_PROTECT
HV_OVP
ABL
HV_CONTROL
H_DRIVE_P
15V
12V
-12V
STBY_5V
IC501 BA9758AFS-E2 HV CONTROL
IC502 TL082CPS-E20 BUFFER
IC502 TL082CPS-E20
IC601 LM393PS-E20
IC601 LM393PS-E20 IK COMP
IC601 LM393PS-E20 HV COMP
IC691 NJM7812FA +12V REG
Q501 2SA1576A-T106-QR +12V OVP
Q502 2SA1338-5-T8 PWM BUFFER
Q503 2SC3392-5-T8 PWM BUFFER
Q504 2SC4081-T106R HVD AMP
Q505 2SA1576A-T106-QR HVD AMP
Q601 DTA114EUA-T106
Q602 DTC144EUA-T106 IK PROT
Q603 DTC144EUA-T106 12V OCP
Q651 DTA114EUA-T106 HV PROT 2
Q652 DTC144EUA-T106 HV PROT 2
D501 MA111-TX PROT
D502 MA111-TX PROT
D504 RD4.7SB1-T1 CLIPER
D505 RD5.6SB-T1 12V DET
D506 MA111-TX PROT
D507 MA111-TX SW 1
D508 MA111-TX SW 2
D509 RD12SB-T1 PROT
D510 MA111-TX CLAMP
D602 MA111-TX PROT
D603 MA111-TX PROT
D604 MA111-TX IK LATCH 2
D605 RD2.7SB2-T1 IK LATCH 2
D608 MA111-TX PROT
D609 RD4.7SB1-T1 BIAS
D651 HZT33-02TA HV PROT REF
D601 HZT33-02TA IK PROT REF
D652 MA111-TX
D653 MA111-TX PROT
D654 RD3.3SB-T1 LATCH 1
D655 MA111-TX LATCH 2
D656 MA111-TX BIAS
D657 RD2.0SB-T1 PROT
D659 RD4.7SB-T1 BIAS
D660 MA111-TX PROT
D702 RGP10GPKG23
RV501 HV ADJ
RV601 HV PROT
TP501
TP502
TP503
TP504
TP601
TP602
T701
HEL701
HEL702
SG001
SG002
SG003
CN701 5P
FBT_H
FBT_C
JW (+15V)
GND
CN702 4P
DF_X
DF_Y
NC
GND
CN703 4P
IK IN
IK OUT
JW (+15V)

8-46

TA (BVM-A20)

TA (BVM-A20)


E
EA
To PA
To C
To TB
E
EA
G
To TB
LAND_RET
LAND
ROT_RET
ROT
NTC/V_STAT_RET
NTC/V_STAT
H_STAT_RET
H_STAT
+135V_E
HV_REG_OCP_X
+15V_PA
-15V_PA
G2_CONTROL_E
HV_CONTROL_E
V_DF
H_DF
SCLK
SDA
H_STAT_CTL
H_DRIVE_P
+6V_E
-6V_E
-30V_E
STBY_5V_E
ABL_E
POWER_ON_X_E
IK_PROTECT_E
HV_OVP_E
+15V_CONV
-15V_CONV
MUTE_X
DCONV_OCP_X
VDC
HDC
VBC
HBC
BOARD_ID0
BOARD_ID1
BOARD_ID2
B5_U
B4_U
B3_U
A4_U
A3_U
HT-
HT+
+135V
-15V
+15V
-6V
+6V
G2_CONTROL
ABL
AFC_P
V_DRIVE_P
DF_MASK_P
ASO_REF_P
CONV_PLL_H
CONV_PLL_V
POWER_ON_X
H_SYNC_E
V_SYNC_E
HV_CONTROL
E_PROT
DEGAUSS
G_PROT1_X
G_PROT2_X
G_PROT3_X
G_PROT4_X
HEATER_SEL
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
A_X/D
R/W_X
RESET_X
CLK_RW_E1
CLK_RW_E2
IRQ_X_E1
IRQ_X_E2

8-47

A B C D E F G H

1 2 3 4 5

TA (BVM-A24)

TA (BVM-A24)

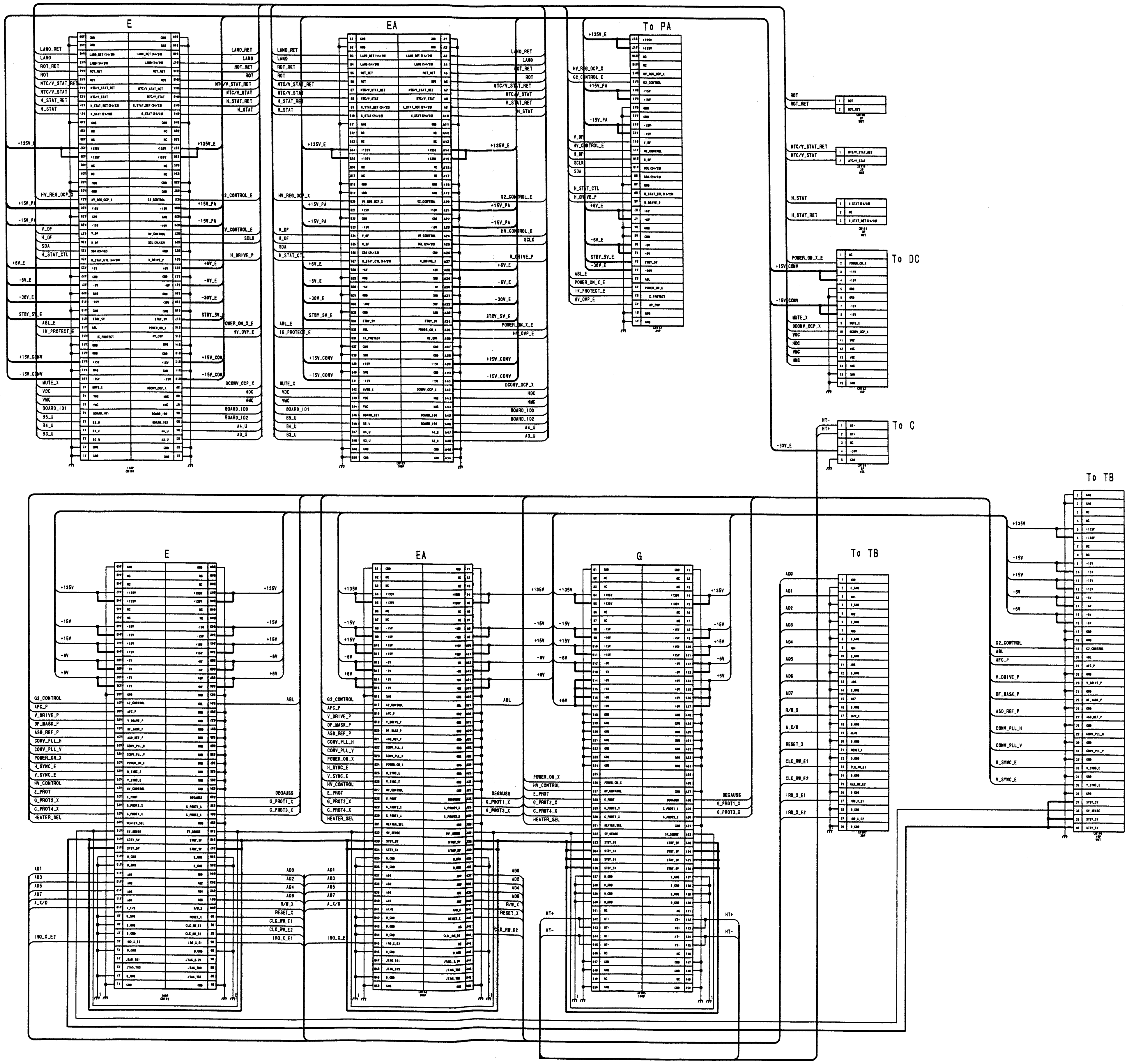
1

2

3

4

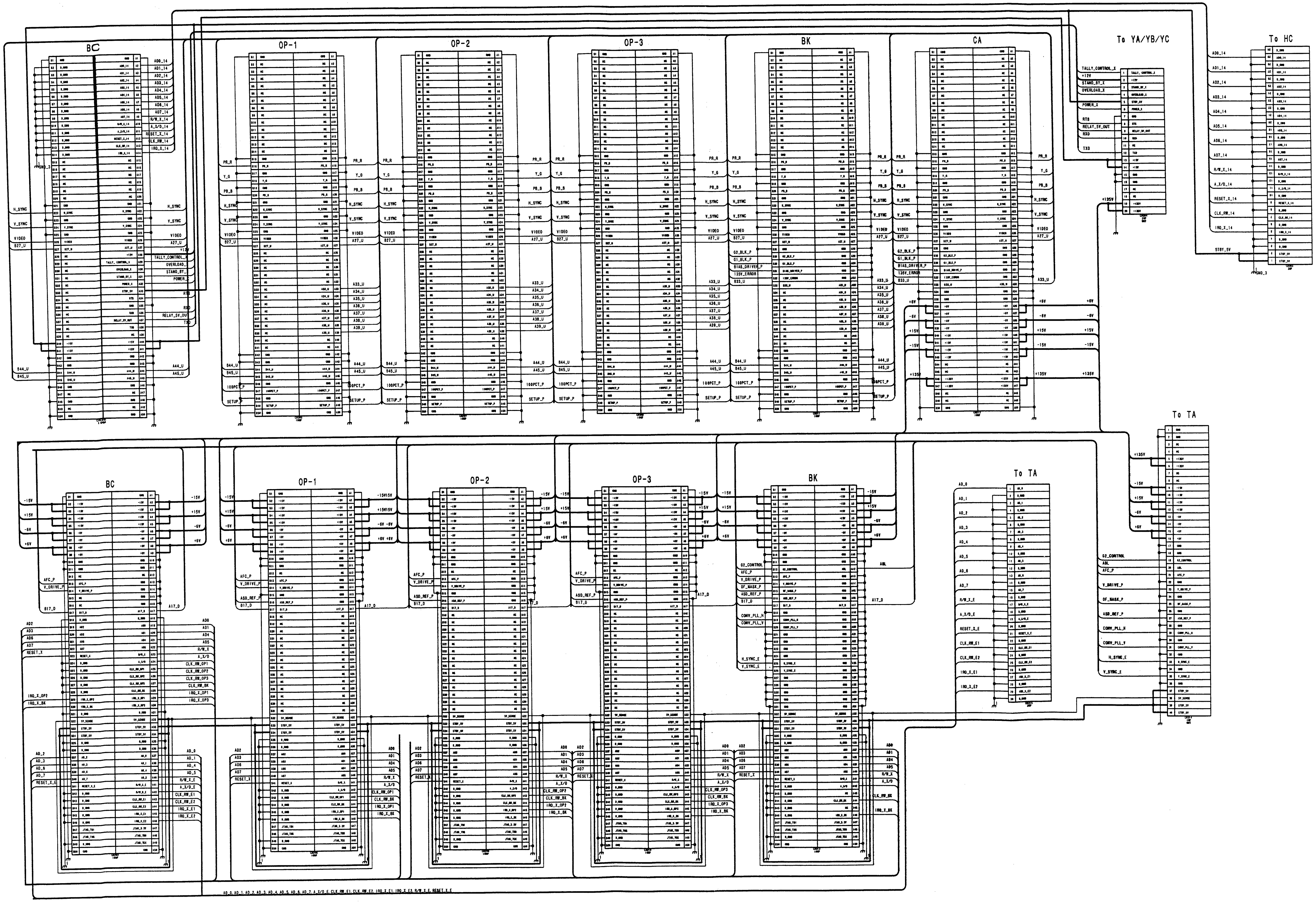
5


E
EA
To PA
To DC
To C
To TB
E
EA
G
To TB

A | B | C | D | E | F | G | H

TB (BVM-A20)

TB (BVM-A20)

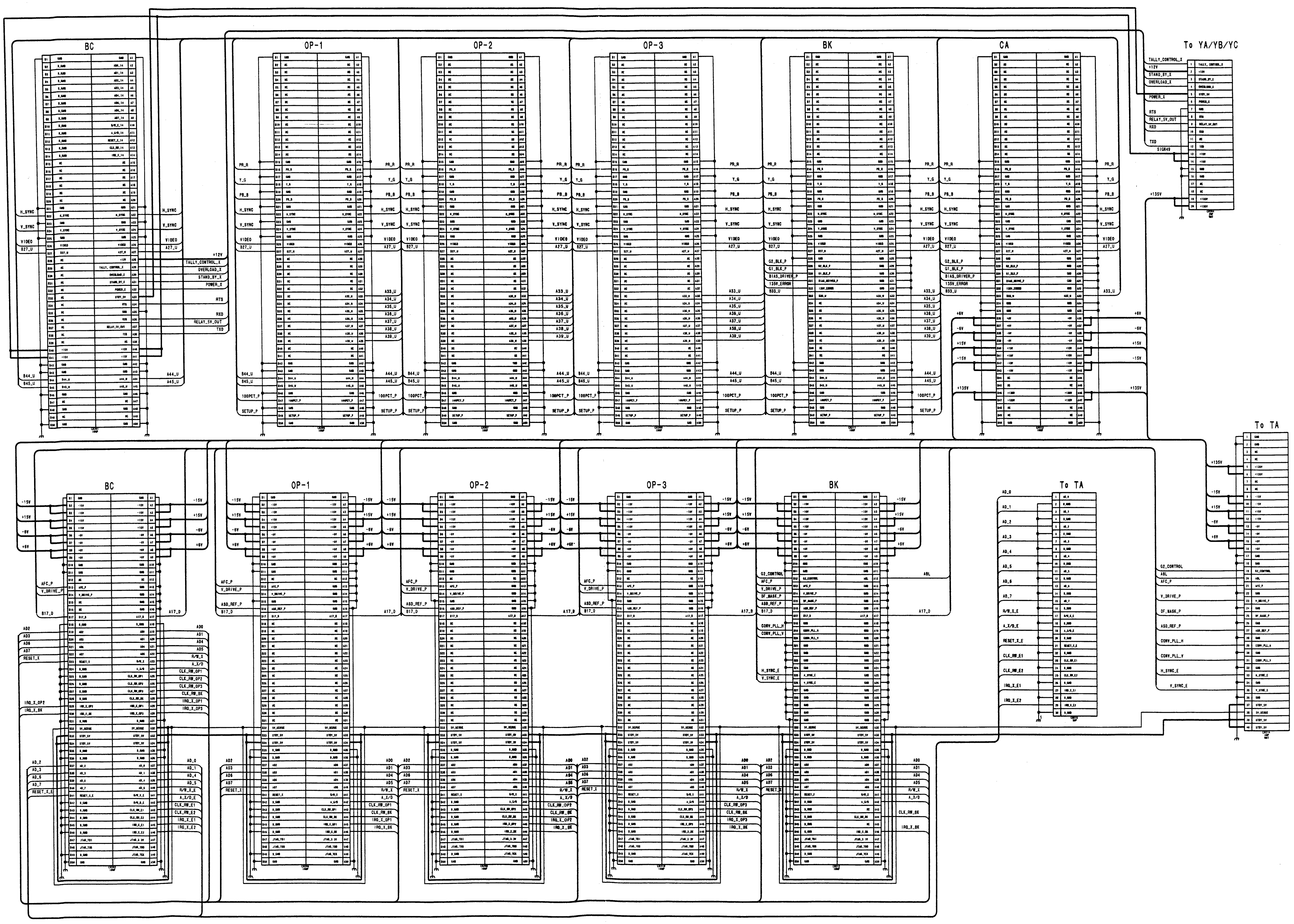

BC
OP-1
OP-2
OP-3
BK
CA
To YA/YB/YC
To HC
To TA
To TA
BC
OP-1
OP-2
OP-3
BK
1
2
3
4
5

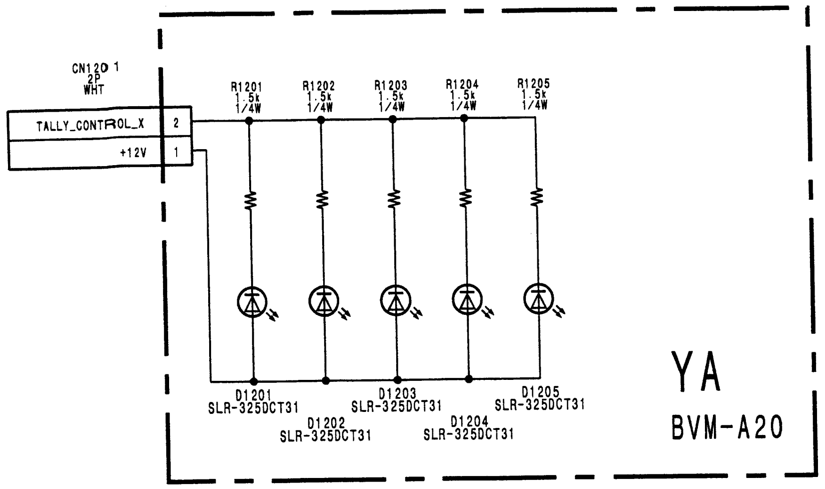
8-49

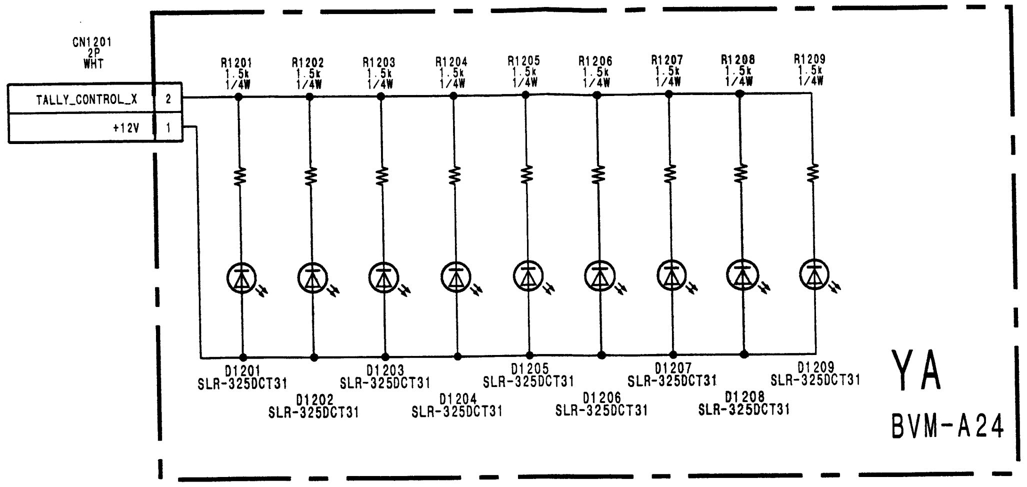
A | B | C | D | E | F | G | H

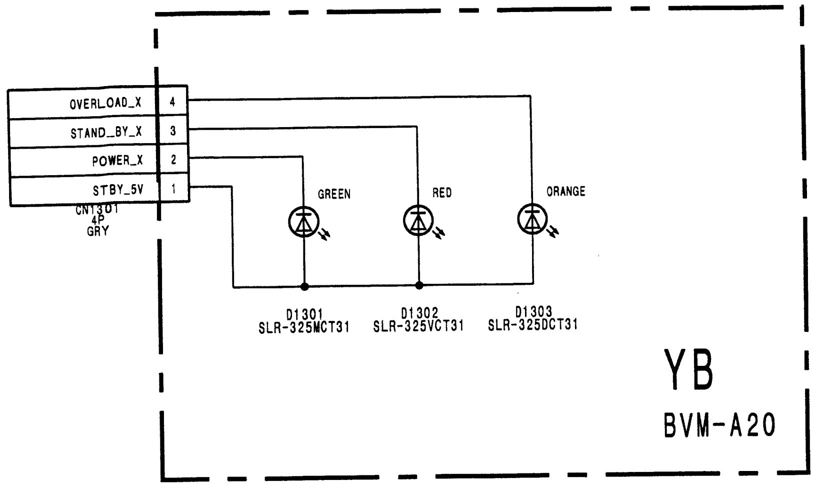
TB (BVM-A24)

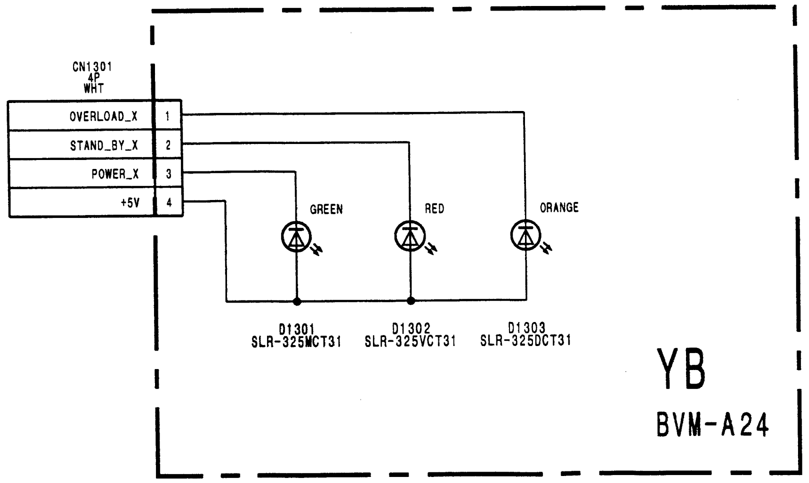
TB (BVM-A24)

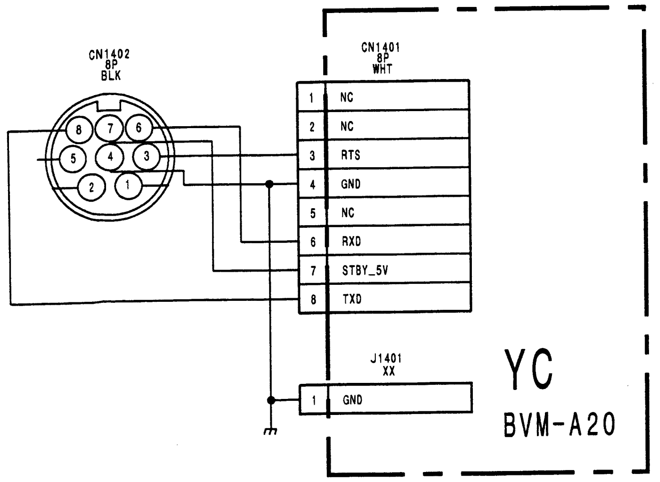

BC
OP-1
OP-2
OP-3
BK
CA
To YA/YB/YC
To TA
To TA
TALLY_CONTROL_X
+12V
STAND_BY_X
OVERLOAD_X
POWER_X
RTS
RELAY_5V_OUT
RXD
TXD
SIGR49
+135V
PR_R
Y_G
PB_B
H_SYNC
V_SYNC
VIDEO
B27_U
A27_U
A33_U
A34_U
A35_U
A36_U
A37_U
A38_U
A39_U
B33_U
B44_U
B45_U
A44_U
A45_U
100PCT_P
SETUP_P
G2_BLK_P
G1_BLK_P
BIAS_DRIVER_P
135V_ERROR
+6V
-6V
+15V
-15V
AFC_P
V_DRIVE_P
ASD_REF_P
B17_D
A17_D
G2_CONTROL
DF_MASK_P
CONV_PLL_H
CONV_PLL_V
H_SYNC_E
V_SYNC_E
ABL
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
AD_0
AD_1
AD_2
AD_3
AD_4
AD_5
AD_6
AD_7
RESET_X
RESET_X_E
R/W_X
R/W_X_E
A_X/D
A_X/D_E
CLK_RW_OP1
CLK_RW_OP2
CLK_RW_OP3
CLK_RW_BK
CLK_RW_E1
CLK_RW_E2
IRQ_X_OP1
IRQ_X_OP2
IRQ_X_OP3
IRQ_X_BK
IRQ_X_E1
IRQ_X_E2
1
2
3
4
5
A
B
C
D
E
F
G
H

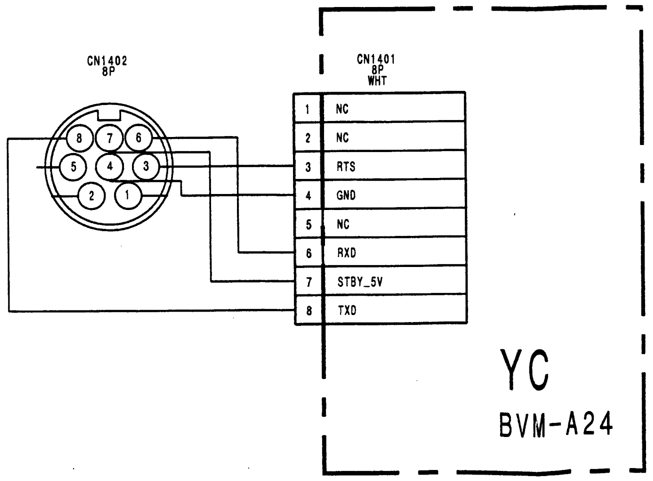

CN1201
2P
WHT
TALLY_CONTROL_X
+12V
2
1
R1201 1.5k 1/4W
R1202 1.5k 1/4W
R1203 1.5k 1/4W
R1204 1.5k 1/4W
R1205 1.5k 1/4W
D1201 SLR-325DCT31
D1202 SLR-325DCT31
D1203 SLR-325DCT31
D1204 SLR-325DCT31
D1205 SLR-325DCT31
YA
BVM-A20


CN1201
2P
WHT
TALLY_CONTROL_X
+12V
2
1
R1201 1.5k 1/4W
R1202 1.5k 1/4W
R1203 1.5k 1/4W
R1204 1.5k 1/4W
R1205 1.5k 1/4W
R1206 1.5k 1/4W
R1207 1.5k 1/4W
R1208 1.5k 1/4W
R1209 1.5k 1/4W
D1201 SLR-325DCT31
D1202 SLR-325DCT31
D1203 SLR-325DCT31
D1204 SLR-325DCT31
D1205 SLR-325DCT31
D1206 SLR-325DCT31
D1207 SLR-325DCT31
D1208 SLR-325DCT31
D1209 SLR-325DCT31
YA
BVM-A24


OVERLOAD_X 4
STAND_BY_X 3
POWER_X 2
STBY_5V 1
CN1301
4P
GRY
GREEN
RED
ORANGE
D1301 SLR-325MCT31
D1302 SLR-325VCT31
D1303 SLR-325DCT31
YB
BVM-A20

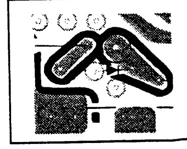

CN1301
4P
WHT
OVERLOAD_X 1
STAND_BY_X 2
POWER_X 3
+5V 4
GREEN
RED
ORANGE
D1301 SLR-325MCT31
D1302 SLR-325VCT31
D1303 SLR-325DCT31
YB
BVM-A24


CN1402
8P
BLK
CN1401
8P
WHT
1 NC
2 NC
3 RTS
4 GND
5 NC
6 RXD
7 STBY_5V
8 TXD
J1401
XX
1 GND
YC
BVM-A20


CN1402
8P
CN1401
8P
WHT
1 NC
2 NC
3 RTS
4 GND
5 NC
6 RXD
7 STBY_5V
8 TXD
YC
BVM-A24

Section 9
Board Layouts

Board Name	Function	Page
BC	MAIN CPU	9-2
BK	VIDEO PROCESSOR	9-4
C	R, G, B OUT	9-6
CA	R, G, B AMP	9-8
E	H/V OSC	9-10
EA	DEFLECTION PROCESSOR	9-12
G	SWITCHING REGULATOR	9-14
PA	H/V CONTROL	9-16
PC	FLYBACK TRANSFORMER	9-16
TA	MOTHER BOARD	9-18
TB	MOTHER BOARD	9-20
YA	TALLY LED	9-22
YB	PANEL LED	9-22
YC	OPTION JACK	9-22

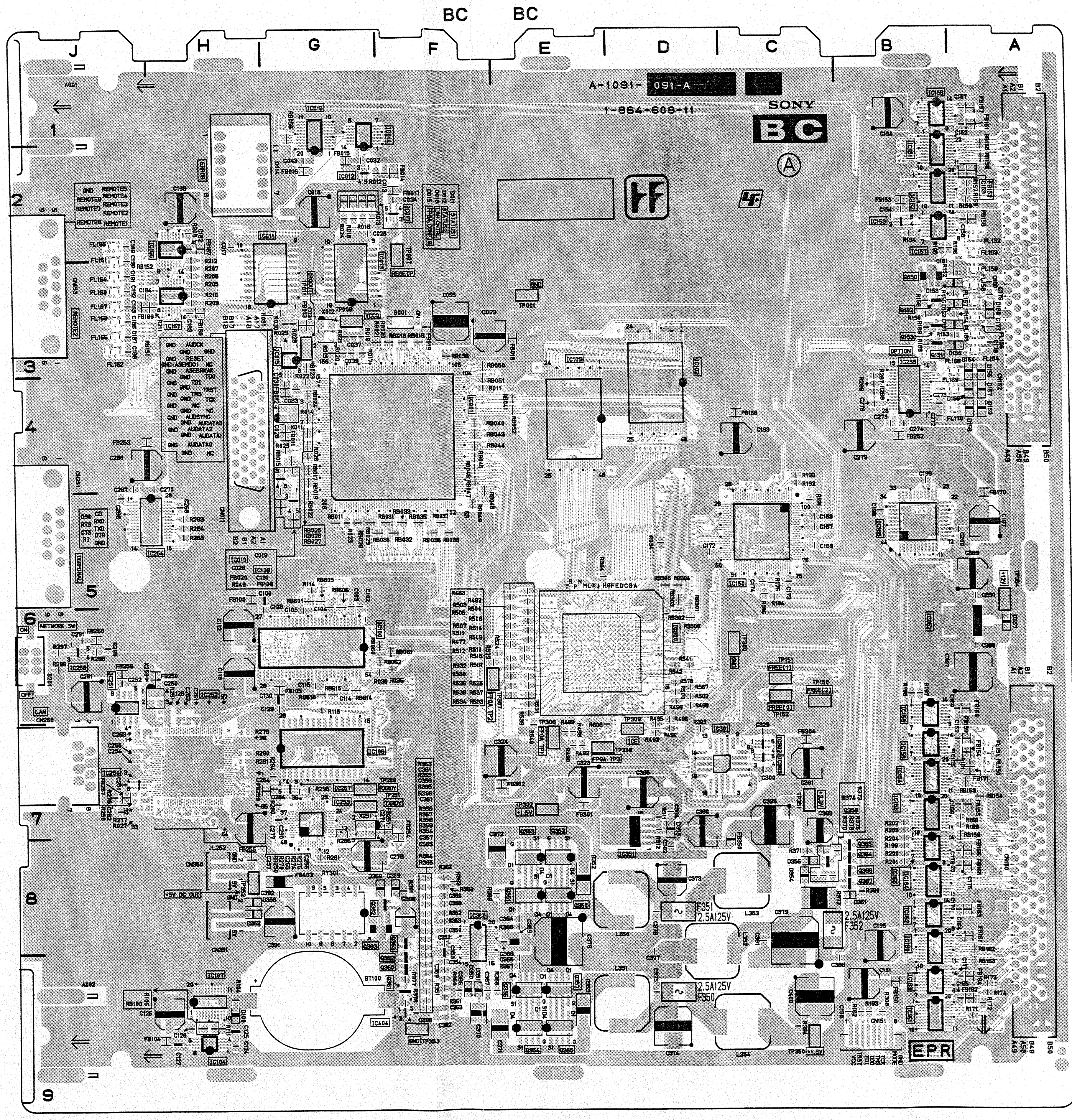


NOTE:
The circuit indicated as shown on the left contains high voltages of over 600 Vp-p. Take care to avoid electric shock during inspection or repair work.

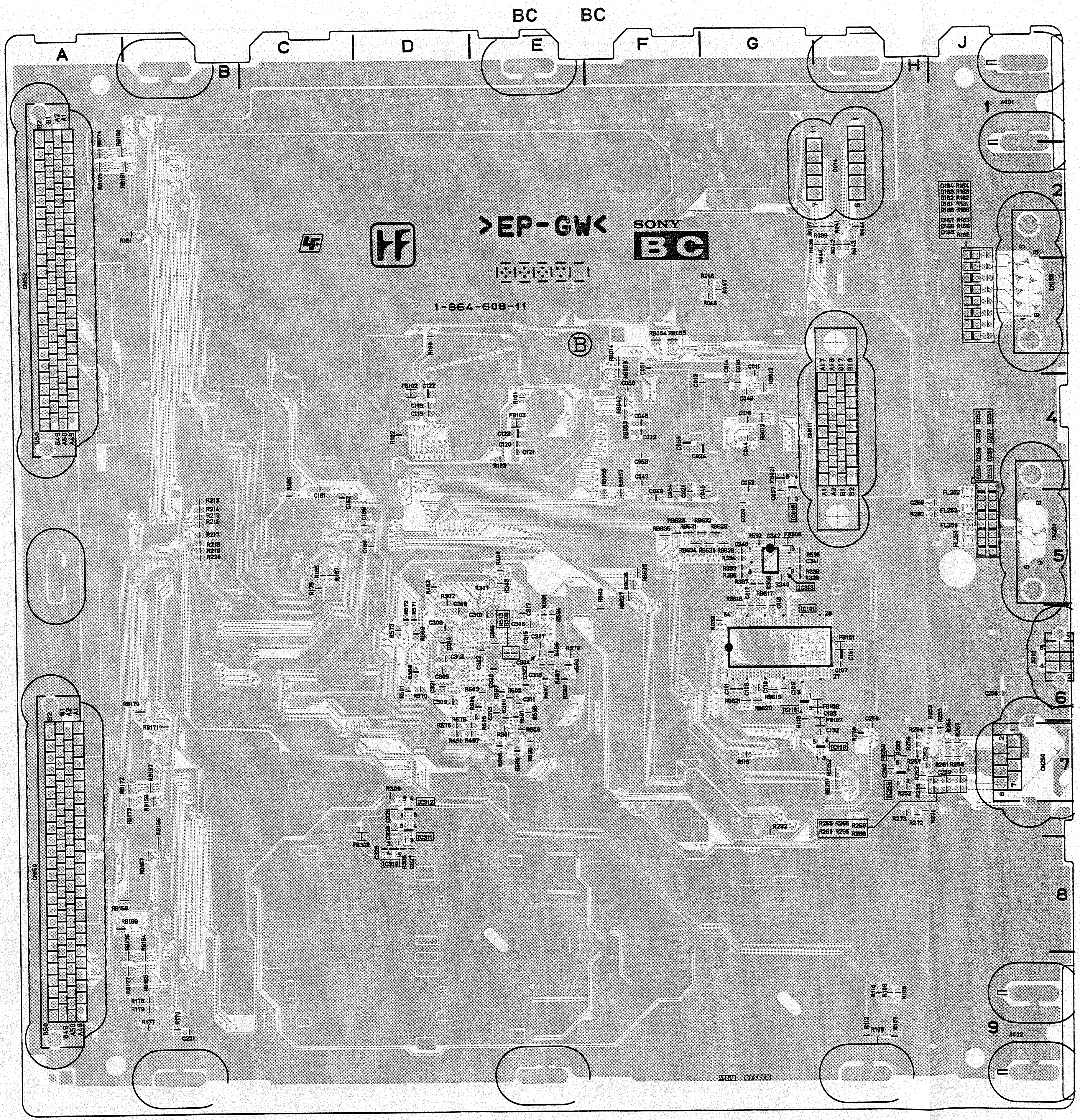
BC BOARD

*: B SIDE

D011	G-2
D012	G-2
D013	G-2
D014	H-1
D015	G-2
D100	H-9
D150	A-3
D151	A-3
D152	A-3
D153	A-3
D154	A-3
D155	A-3
D156	A-4
D157	A-4
D158	A-4
D159	A-4
D160	A-3
D161	*J-3
D162	*J-3
D163	*J-3
D164	*J-2
D165	*J-3
D166	*J-3
D167	*J-3
D168	*J-3
D251	*J-5
D252	*J-5
D253	*J-5
D254	*J-5
D255	*J-5
D256	*J-5
D257	*J-5
D258	*J-5
D350	F-9
D351	F-9
D352	E-8
D353	E-9
D354	C-8
D355	D-7
D356	C-8
D357	A-6
D358	H-8
D359	F-8
D360	G-8
D361	B-8
D362	H-8
IC001	F-4
IC010	G-4
IC011	G-3
IC012	G-2
IC013	G-3
IC014	G-1
IC015	G-3
IC016	G-1
IC017	F-2
IC018	*G-4
IC100	G-6
IC101	*G-6
IC102	D-4
IC103	E-4
IC104	H-9
IC106	G-7
IC107	H-9
IC108	G-5
IC109	*G-7
IC110	*G-6
IC150	C-5
IC151	B-2
IC152	B-2
IC153	B-2
IC154	B-7
IC155	B-7
IC156	B-1
IC157	B-2
IC158	B-7
IC159	B-6
IC160	B-8
IC161	B-9
IC162	B-8
IC163	B-9
IC164	B-8
IC165	B-8
IC166	H-2
IC167	H-3
IC168	B-5
IC250	J-7
IC251	J-6
IC252	H-7
IC253	G-7
IC254	J-5
IC255	B-4
IC256	*H-7
IC257	G-7
IC258	J-6
IC300	E-6
IC301	C-7
IC302	C-7
IC303	C-7
IC310	*D-8
IC311	*D-7
IC312	*D-7
IC313	*G-5
IC350	F-8
IC351	D-7
IC352	A-6
IC404	F-9
Q150	B-3
Q151	B-3
Q152	B-3
Q153	B-3
Q350	E-8
Q351	E-8
Q352	E-8
Q353	E-8
Q354	E-9
Q355	E-9
Q356	E-9
Q357	E-9
Q358	C-8
Q360	F-9
Q361	F-9
Q362	F-9
Q363	F-8
Q364	B-8
Q365	B-8
Q366	B-8
Q367	B-8
Q382	G-8
Q383	G-8
TP001	E-3
TP007	F-2
TP008	G-3
TP011	G-3
TP150	C-6
TP151	C-6
TP152	C-6
TP250	G-7
TP251	G-7
TP300	C-6
TP302	E-7
TP306	E-7
TP307	F-6
TP308	E-7
TP309	D-7
TP350	C-9
TP351	C-7
TP352	H-8
TP353	F-9
TP354	A-5



BC -A SIDE-
SUFFIX: -11


BC
BC
A
B
C
D
E
F
G
H
J
1
2
4
5
6
7
8
9
>EP-GW<
SONY
BC
1-864-608-11
CN552
CN550
CN011
CN150
CN251
CN250
A601
A602
B1
B2
A1
A2
B49
B50
A49
A50

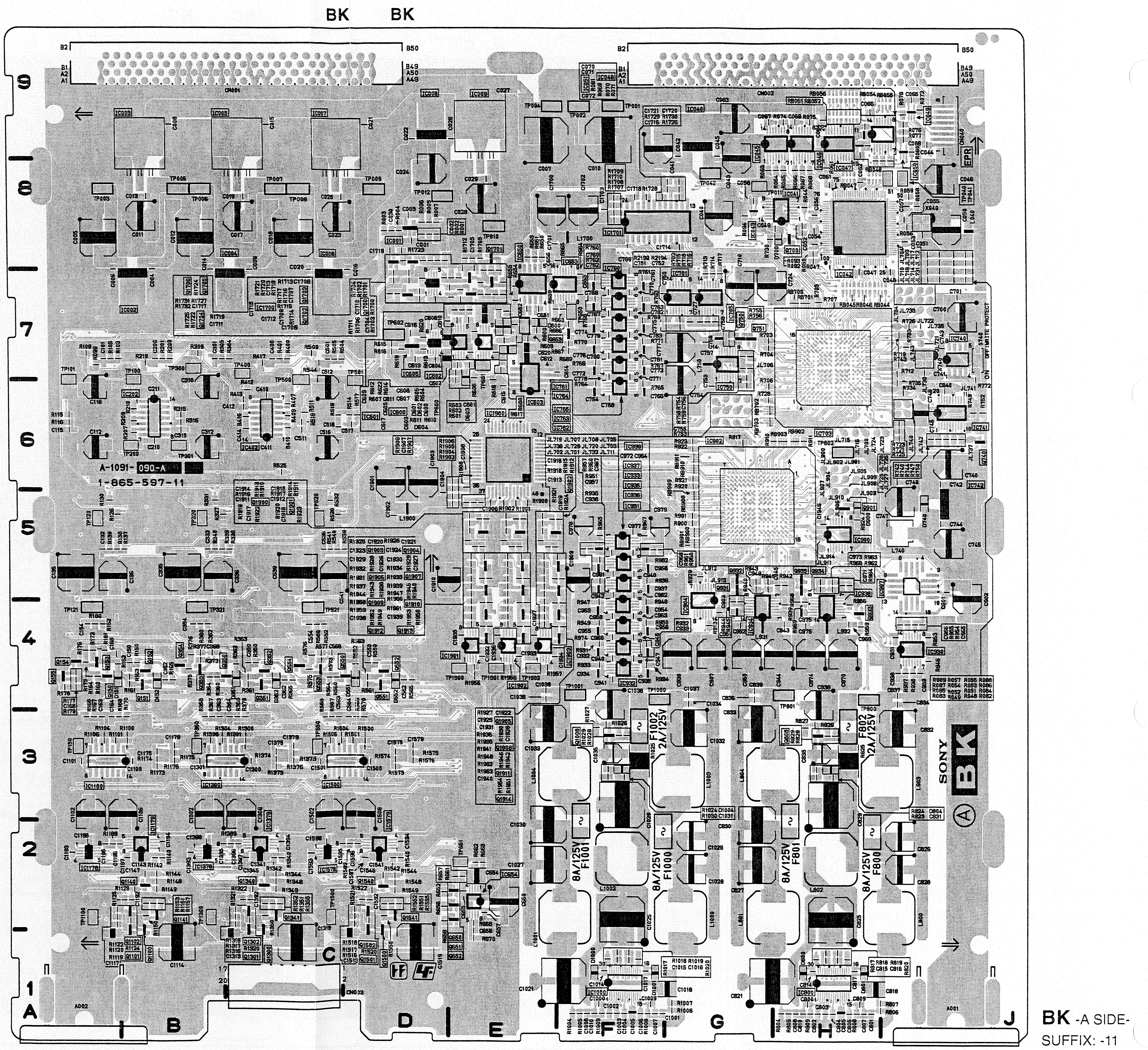
BC -B SIDE-
SUFFIX: -11

BK BOARD

*: B SIDE

D040	*J-8	IC527	*C-5	Q040	*G-8	TP001	F-9
D151	A-4	IC550	*D-4	Q041	*G-8	TP002	F-9
D152	B-4	IC551	*C-4	Q042	*H-8	TP003	A-8
D351	C-4	IC552	*C-4	Q043	*G-8	TP004	E-9
D352	C-4	IC553	*D-3	Q044	*H-8	TP005	B-8
D551	D-4	IC600	E-7	Q150	A-4	TP006	B-8
D552	D-4	IC601	E-7	Q151	B-4	TP007	C-8
D600	E-7	IC602	D-7	Q152	B-4	TP008	C-8
D601	E-7	IC603	E-6	Q153	A-4	TP009	D-8
D602	E-7	IC605	D-7	Q154	A-4	TP010	E-8
D603	E-7	IC650	E-7	Q155	A-4	TP011	G-8
D604	E-7	IC653	F-7	Q350	B-4	TP012	D-8
D700	H-8	IC654	E-2	Q351	C-4	TP040	J-8
D740	J-5	IC700	*G-7	Q352	C-4	TP041	J-8
D800	H-1	IC701	G-7	Q353	B-4	TP042	G-8
D801	H-1	IC703	H-7	Q354	B-4	TP100	B-6
D802	*J-2	IC704	*H-7	Q550	D-4	TP101	A-6
D803	*G-2	IC705	G-7	Q551	D-4	TP120	A-5
D804	H-3	IC740	J-7	Q552	D-4	TP121	A-4
D805	*H-4	IC741	J-6	Q553	C-4	TP150	A-3
D900	H-5	IC742	J-5	Q554	C-4	TP200	B-6
D1000	F-1	IC750	G-7	Q650	E-2	TP300	B-7
D1001	F-1	IC760	F-7	Q651	E-2	TP301	B-6
D1002	*G-2	IC761	F-7	Q652	E-2	TP320	B-5
D1003	*E-2	IC762	F-6	Q653	F-7	TP321	B-4
D1004	F-3	IC763	F-7	Q700	H-8	TP350	B-3
D1005	*F-3	IC764	F-7	Q740	J-6	TP400	C-7
D1140	*B-2	IC765	F-7	Q750	G-7	TP500	C-6
D1340	*C-2	IC800	H-1	Q751	G-7	TP501	D-6
D1540	*D-2	IC900	H-5	Q800	*H-1	TP520	C-5
		IC902	G-5	Q801	*H-2	TP521	C-4
IC001	D-8	IC903	*G-6	Q802	*G-1	TP550	C-3
IC002	B-7	IC904	G-4	Q803	*G-2	TP600	E-7
IC003	B-9	IC905	*G-5	Q804	*J-2	TP601	E-7
IC004	B-7	IC906	*G-6	Q805	*J-1	TP602	D-7
IC005	C-9	IC907	J-5	Q806	*H-1	TP650	F-7
IC006	C-7	IC930	J-4	Q807	*H-2	TP651	E-2
IC007	C-9	IC931	F-4	Q808	H-3	TP800	H-4
IC008	D-9	IC932	F-4	Q809	*H-1	TP801	H-4
IC009	E-9	IC933	F-5	Q810	*H-4	TP802	H-6
IC040	G-9	IC934	G-4	Q811	*H-4	TP1000	F-4
IC041	H-8	IC935	F-4	Q812	*H-4	TP1001	F-4
IC042	H-8	IC936	F-4	Q900	*H-6	TP1100	A-2
IC043	G-8	IC937	F-5	Q901	H-5	TP1300	B-2
IC044	*J-8	IC938	H-4	Q931	G-5	TP1500	C-2
IC045	H-9	IC939	F-5	Q932	G-5	TP1900	E-4
IC046	H-9	IC1000	F-1	Q933	H-4	TP1901	E-4
IC047	H-9	IC1100	A-3	Q934	H-5	TP1902	E-4
IC048	J-9	IC1101	*A-3	Q935	H-5		
IC049	J-9	IC1102	*A-2	Q1000	*F-1		
IC050	J-9	IC1103	*A-2	Q1001	*F-2		
IC051	H-9	IC1140	*B-2	Q1002	*E-1		
IC100	*A-7	IC1141	*B-2	Q1003	*E-2		
IC101	*A-7	IC1170	*B-3	Q1004	*G-2		
IC102	*A-7	IC1171	*B-4	Q1005	*G-1		
IC103	*A-6	IC1174	*B-3	Q1006	*F-1		
IC120	*A-6	IC1175	*B-3	Q1007	*F-2		
IC121	*A-6	IC1176	*B-2	Q1008	F-3		
IC122	*A-5	IC1177	*B-2	Q1009	*F-1		
IC123	*B-5	IC1178	A-2	Q1010	*F-4		
IC124	*A-5	IC1179	B-2	Q1011	*F-4		
IC125	*A-5	IC1300	B-3	Q1012	*F-4		
IC150	*B-4	IC1301	*B-3	Q1100	B-1		
IC151	*A-4	IC1302	*C-2	Q1101	B-1		
IC152	*A-4	IC1303	*B-2	Q1102	B-2		
IC153	*A-3	IC1340	*C-2	Q1140	B-2		
IC200	*B-7	IC1341	*C-2	Q1141	B-2		
IC201	*B-7	IC1370	*C-3	Q1300	C-1		
IC202	B-6	IC1371	*C-4	Q1301	C-1		
IC220	*B-6	IC1374	*C-3	Q1302	C-2		
IC300	*B-7	IC1375	*C-3	Q1340	C-2		
IC301	*B-7	IC1376	*C-2	Q1341	C-2		
IC302	*B-7	IC1377	*C-2	Q1500	D-1		
IC303	*B-6	IC1378	B-2	Q1501	D-1		
IC320	*B-6	IC1379	C-2	Q1502	D-2		
IC321	*C-6	IC1500	C-3	Q1540	D-2		
IC322	*B-5	IC1501	*D-3	Q1541	D-2		
IC323	*C-5	IC1502	*D-2	Q1700	E-7		
IC324	*B-5	IC1503	*C-2	Q1701	E-8		
IC325	*B-5	IC1540	*D-2	Q1702	E-7		
IC350	*C-4	IC1541	*D-2	Q1703	E-7		
IC351	*B-4	IC1570	*D-3	Q1704	D-7		
IC352	*B-4	IC1571	*D-4	Q1705	D-8		
IC353	*B-3	IC1574	*D-3	Q1706	D-8		
IC400	*C-7	IC1575	*D-3	Q1900	E-5		
IC401	*C-7	IC1576	*D-2	Q1901	E-5		
IC402	C-6	IC1577	*D-2	Q1902	E-5		
IC420	*C-4	IC1578	C-2	Q1903	E-5		
IC421	*C-4	IC1579	D-2	Q1904	E-5		
IC500	*C-7	IC1700	D-7	Q1905	F-5		
IC501	*C-7	IC1701	F-8	Q1906	E-5		
IC502	*C-7	IC1900	E-6	Q1907	E-5		
IC503	*C-6	IC1901	E-4	Q1908	F-5		
IC520	*C-6	IC1902	E-4	Q1909	E-4		
IC521	*C-6	IC1903	E-4	Q1910	E-4		
IC522	*C-6	IC1904	*E-4	Q1911	F-4		
IC523	*C-5			Q1912	E-4		
IC524	*D-5			Q1913	E-4		
IC525	*C-5			Q1914	F-4		

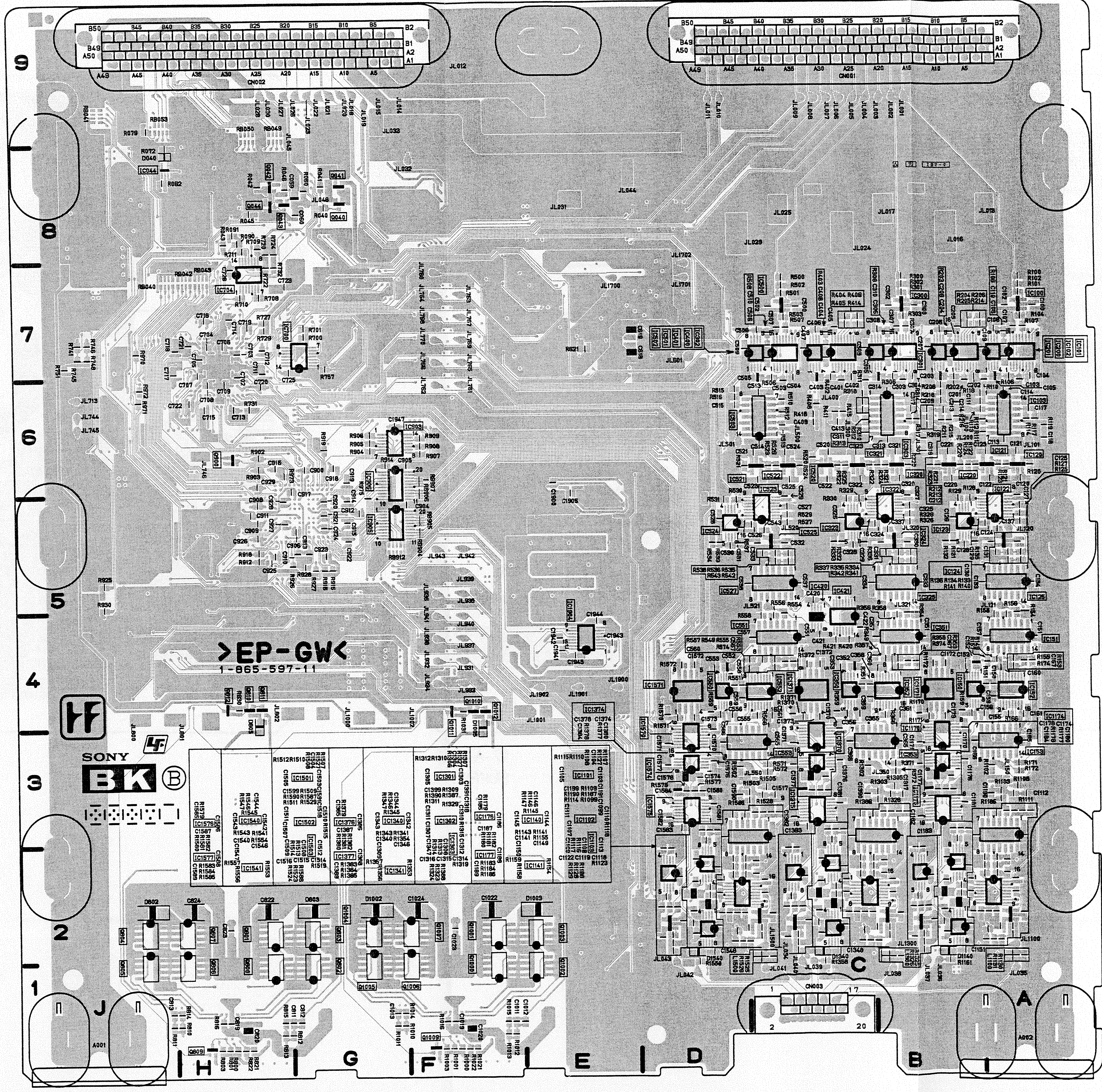
BK BK



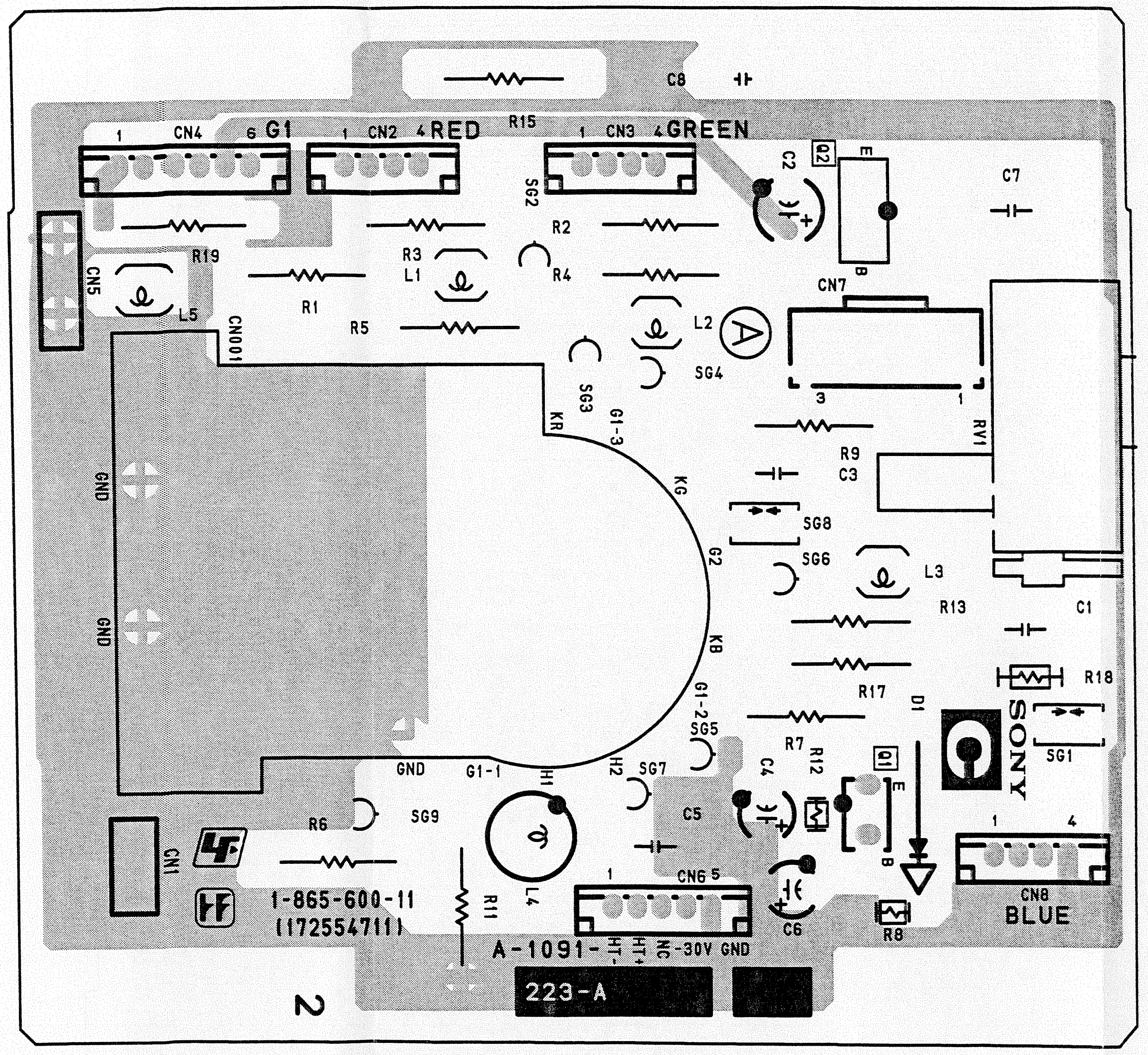
BK -A SIDE-

SUFFIX: -11

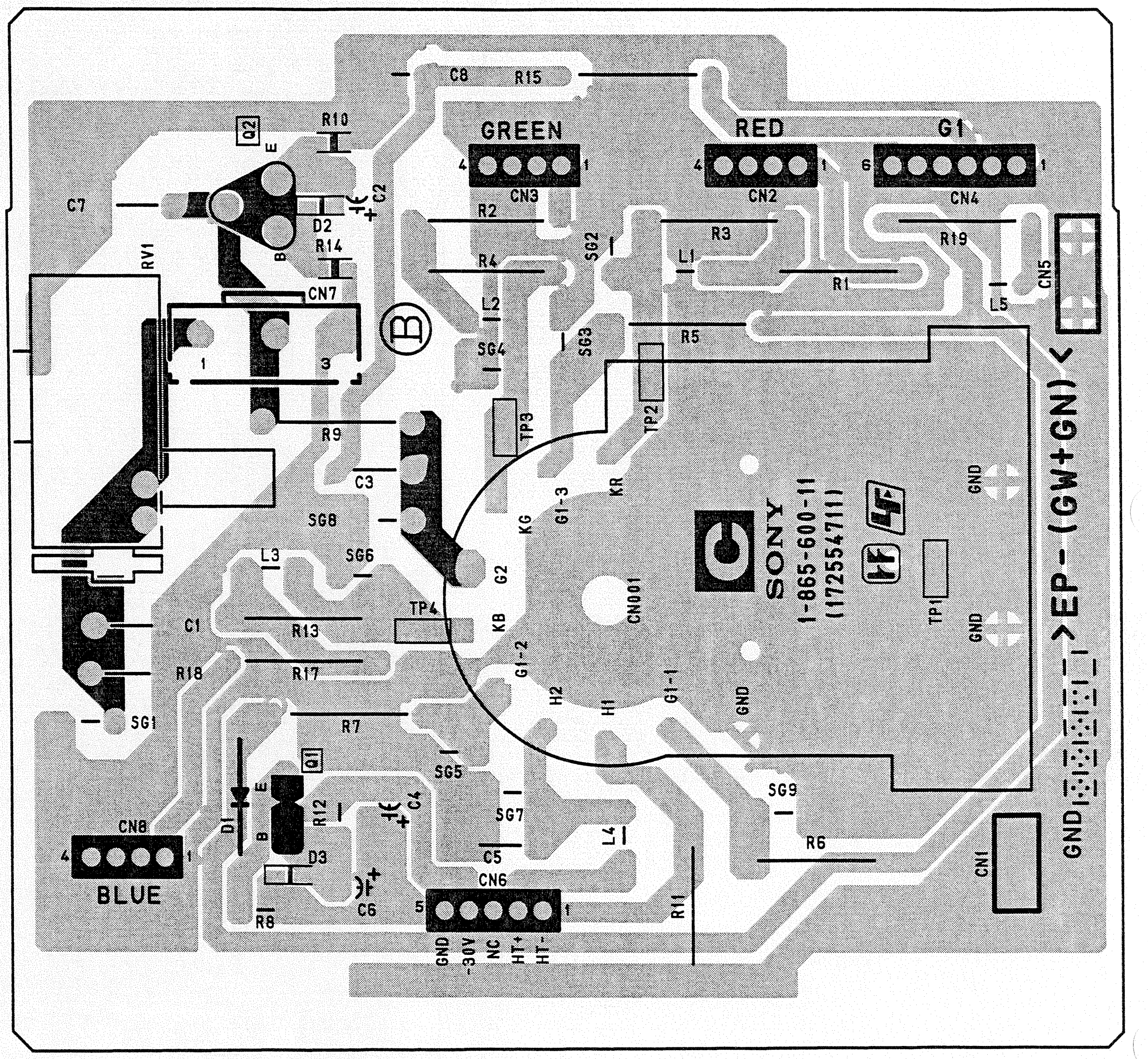
BK BK


CN002
CN001
CN003
>EP-GW<
1-865-597-11
SONY
BK
9
8
7
6
5
4
3
2
1
J
H
G
F
E
D
C
B
A

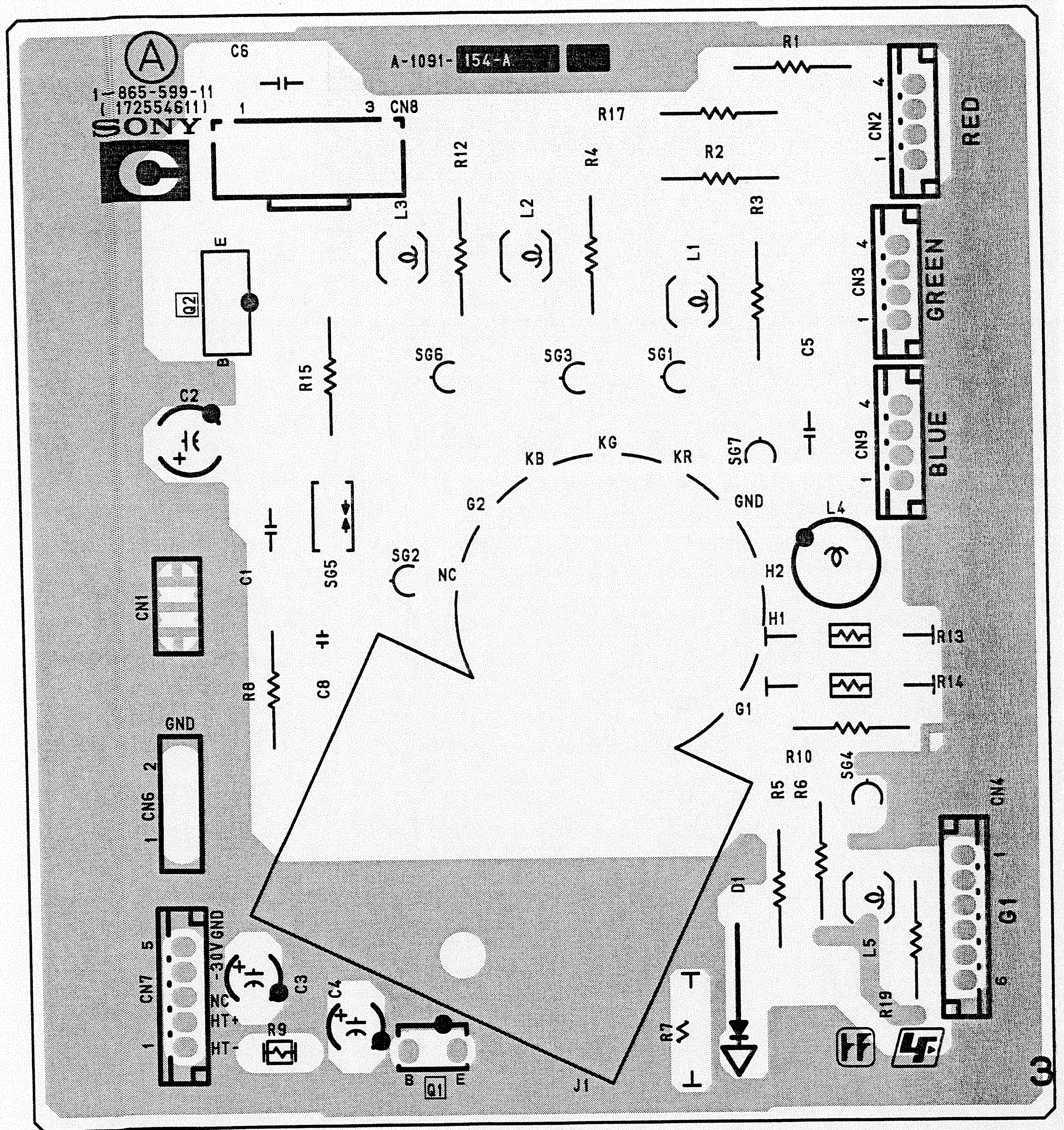
BK -B SIDE-
SUFFIX: -11


CN4
G1
CN2
RED
R15
CN3
GREEN
C8
C2
Q2
C7
CN5
R19
L5
R1
R3
L1
R5
R2
R4
SG2
L2
A
CN7
SG4
SG3
CN001
KR
G1-3
KG
G2
KB
G1-2
SG5
H2
H1
SG7
G1-1
GND
R9
C3
RV1
SG8
SG6
L3
R13
C1
R18
R17
D1
R7
R12
C4
Q1
SONY
SG1
C5
SG9
R6
CN1
1-865-600-11
(172554711)
R11
L4
CN6
C6
R8
CN8
BLUE
A-1091-
HT-
HT+
NC
-30V
GND
223-A
2

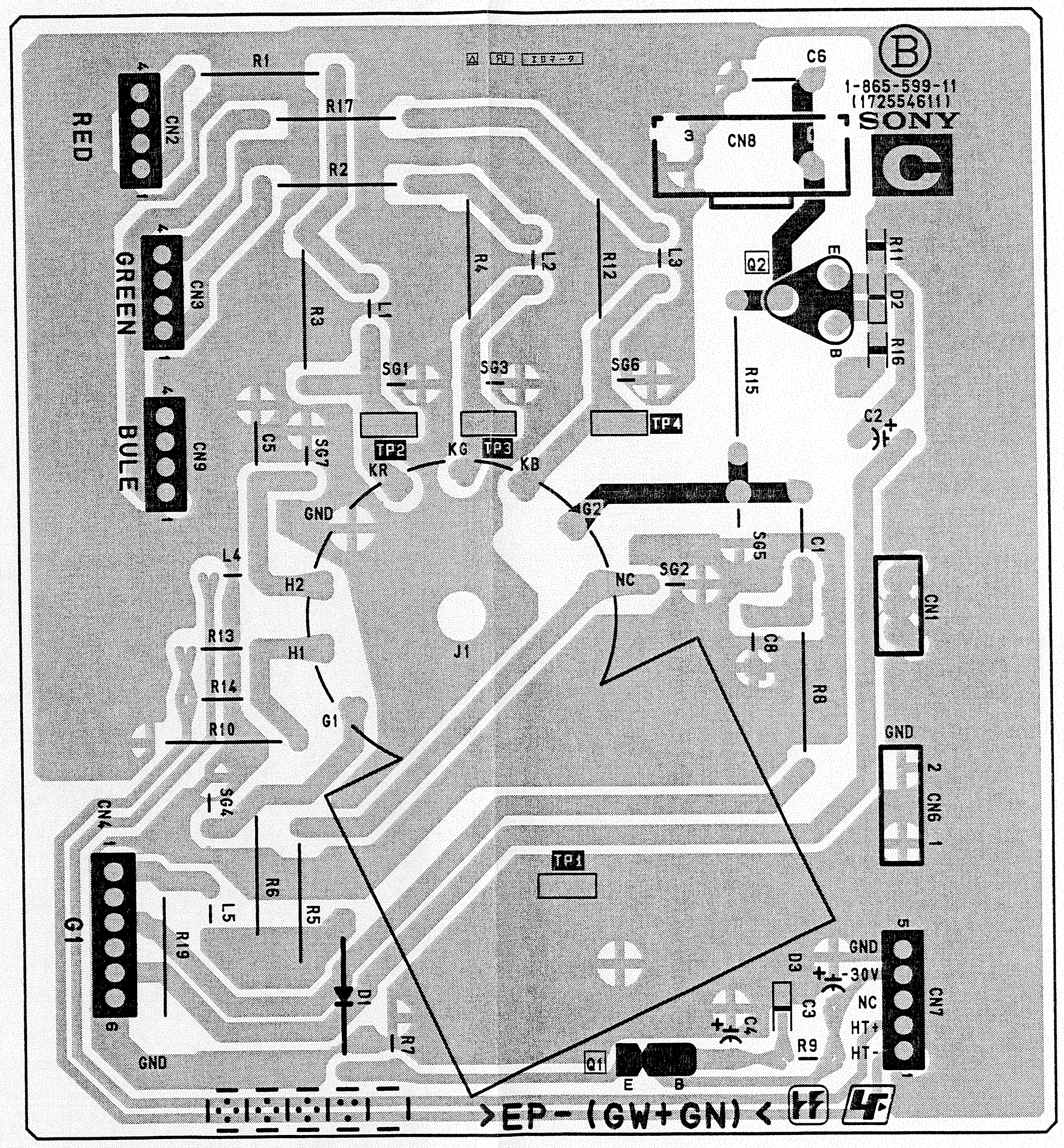
C -A SIDE-
SUFFIX: -11


C8
R15
Q2
R10
GREEN
CN3
RED
CN2
G1
CN4
C7
C2
D2
R14
RV1
CN7
B
R2
R4
SG2
R3
L1
R19
R1
L2
SG4
SG3
R5
L5
CN5
TP3
TP2
R9
C3
SG8
SG6
L3
KG
G1-3
KR
G2
KB
CN001
SONY
1-865-600-11
(172554711)
TP1
GND
C1
R18
R13
R17
TP4
G1-2
H2
H1
G1-1
SG1
R7
Q1
SG5
D1
R12
C4
SG7
L4
SG9
R6
CN1
CN8
BLUE
D3
C6
C5
CN6
R8
R11
GND
-30V
NC
HT+
HT-
GND
EP-(GW+GN)

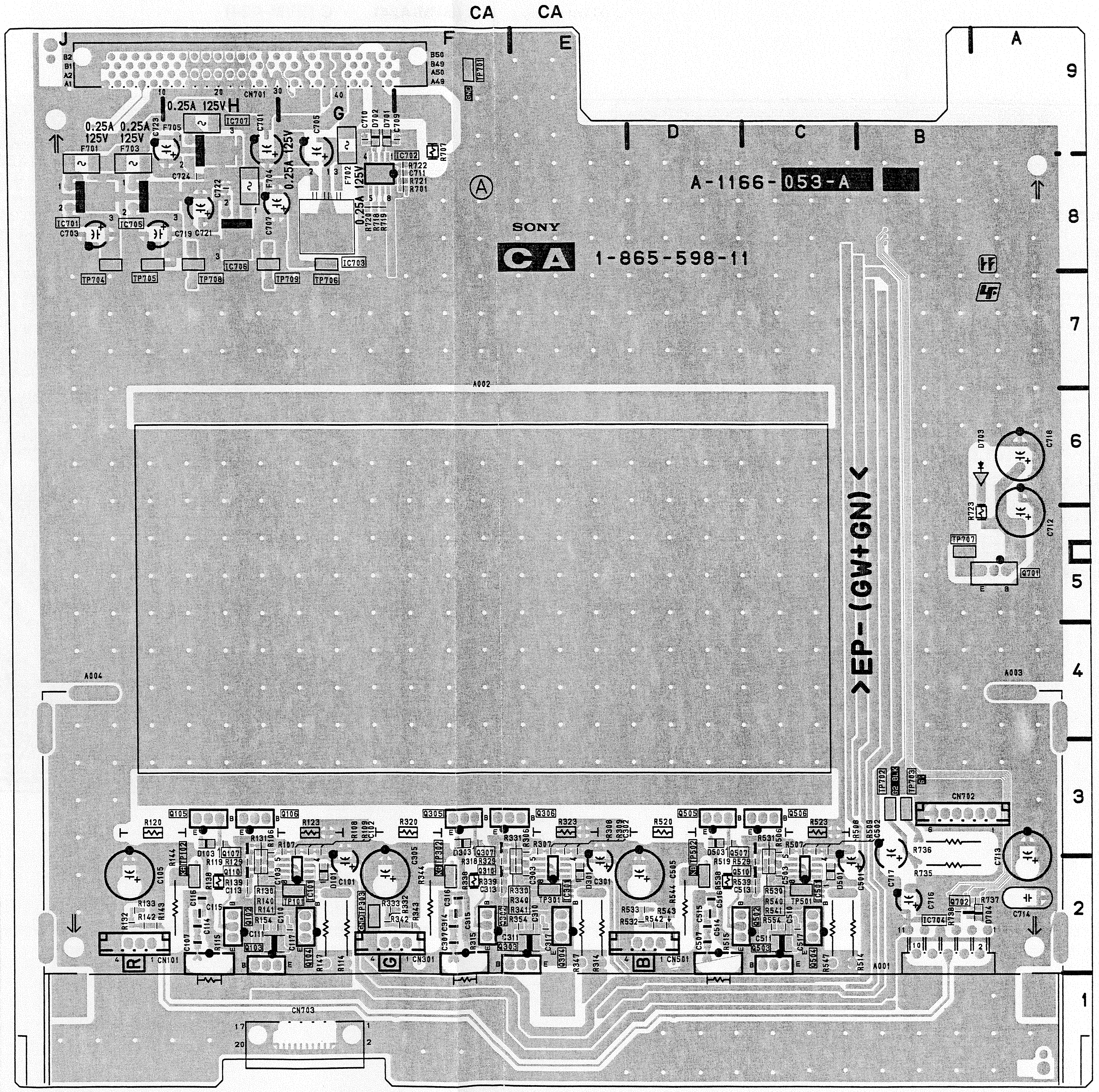
C -B SIDE-
SUFFIX: -11


A
1-865-599-11
(172554611)
SONY
C
C6
A-1091-154-A
CN8
R1
R17
R12
R4
R2
R3
L3
L2
L1
CN2
RED
CN3
GREEN
CN9
BLUE
Q2
E
B
R15
C2
SG6
SG3
SG1
C5
KB
KG
KR
SG7
G2
GND
L4
SG5
SG2
NC
H2
H1
C1
CN1
R13
R14
R8
C8
G1
R10
GND
CN6
R5
R6
SG4
CN4
D1
G1
CN7
GND
-30V
NC
HT+
HT-
C3
C4
R9
Q1
R7
L5
R19
J1
3

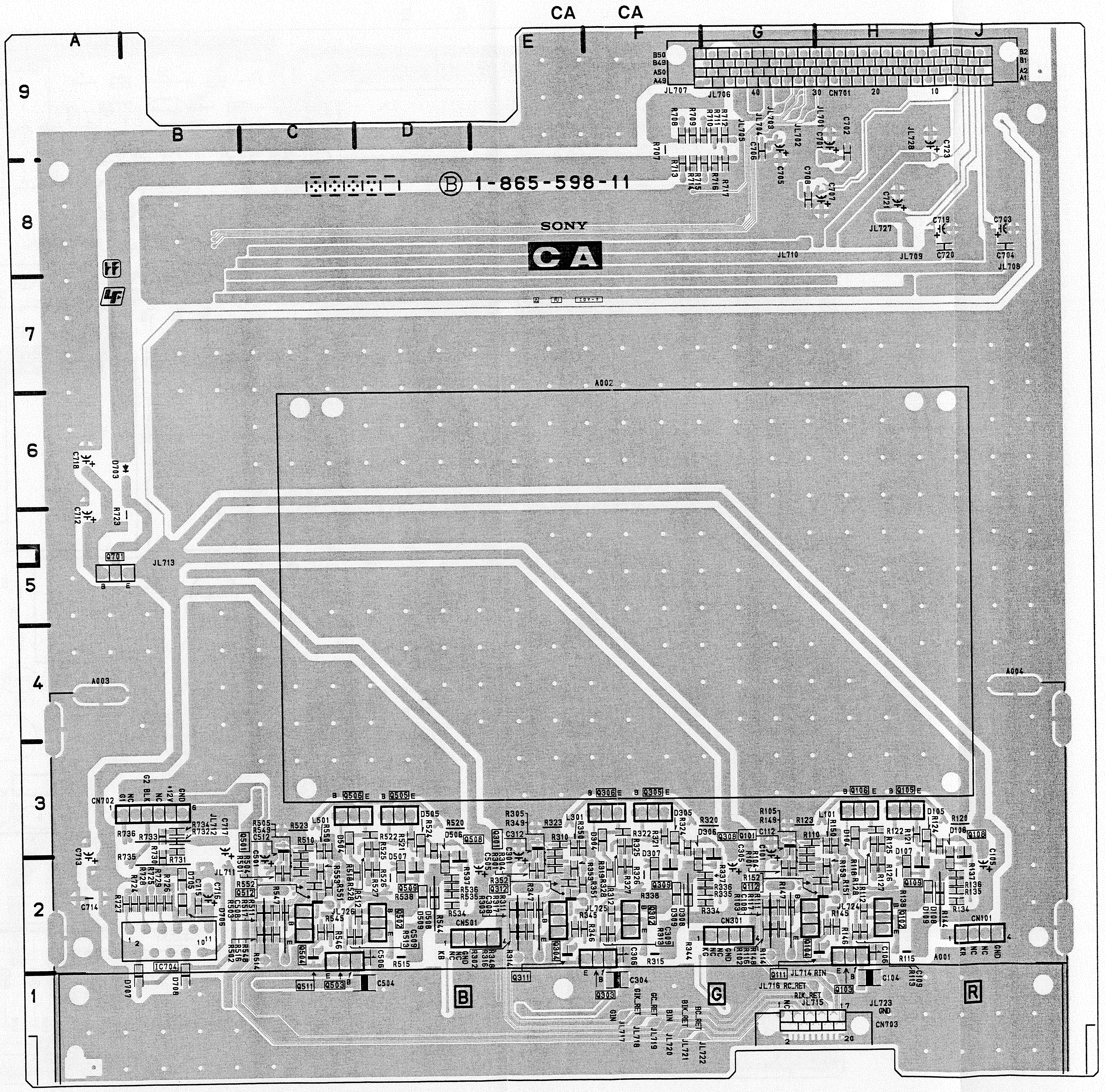
C -A SIDE-
SUFFIX: -11


B
C6
1-865-599-11
(172554611)
SONY
C
CN8
RED
CN2
R1
R17
R2
GREEN
CN3
R3
R4
R12
L2
L3
L1
Q2
R11
D2
R16
E
B
R15
SG1
SG3
SG6
BULE
CN9
C5
SG7
TP2
TP3
TP4
KR
KG
KB
C2
GND
G2
L4
H2
H1
R13
R14
R10
G1
NC
SG2
SG5
C1
J1
CN1
C8
R8
GND
CN6
SG4
CN4
R6
R5
L5
TP1
G1
R19
D1
R7
D3
C3
C4
R9
Q1
GND
-30V
NC
HT+
HT-
CN7
>EP-(GW+GN)<

C -B SIDE-
SUFFIX: -11


CA
CA
A
B
C
D
E
F
G
H
J
9
8
7
6
5
4
3
2
1
A-1166-053-A
SONY
CA 1-865-598-11
>EP-(GW+GN)<
0.25A 125V
CN701
CN702
CN703
CN101
CN301
CN501
R
G
B
A001
A002
A003
A004
IC701
IC702
IC703
IC704
IC705
IC706
IC707
TP704
TP705
TP706
TP707
TP708
TP709
Q701
C712
C713
C714
C718
D703
R736
R735

CA -A SIDE-
SUFFIX: -11

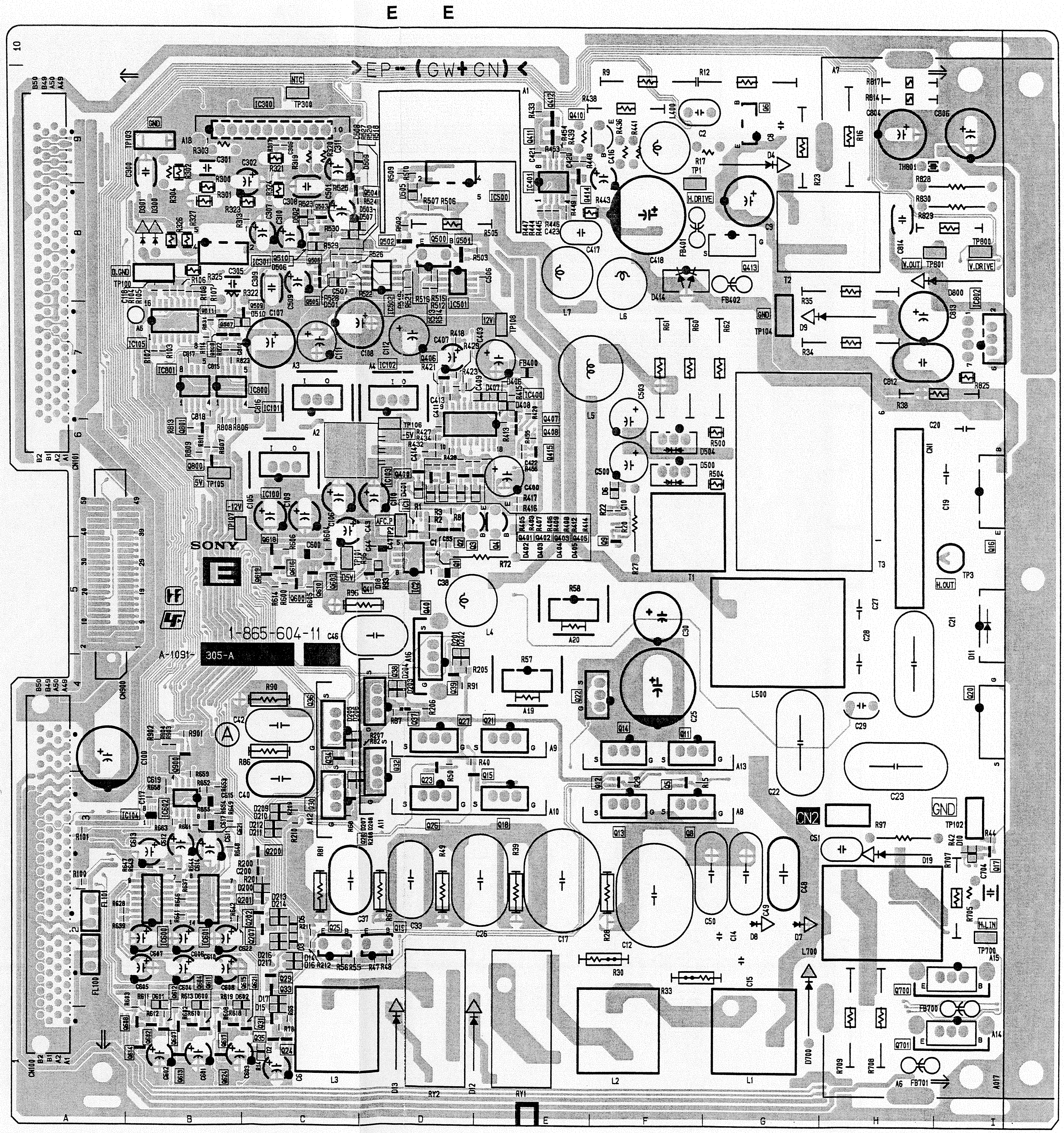

CA
CA
A
B
C
D
E
F
G
H
J
1
2
3
4
5
6
7
8
9
Ⓑ 1-865-598-11
SONY
CA
A002
A003
A004
A001
CN701
CN702
CN101
CN301
CN501
CN703
IC704
JL713
B
G
R

CA -B SIDE-
SUFFIX: -11

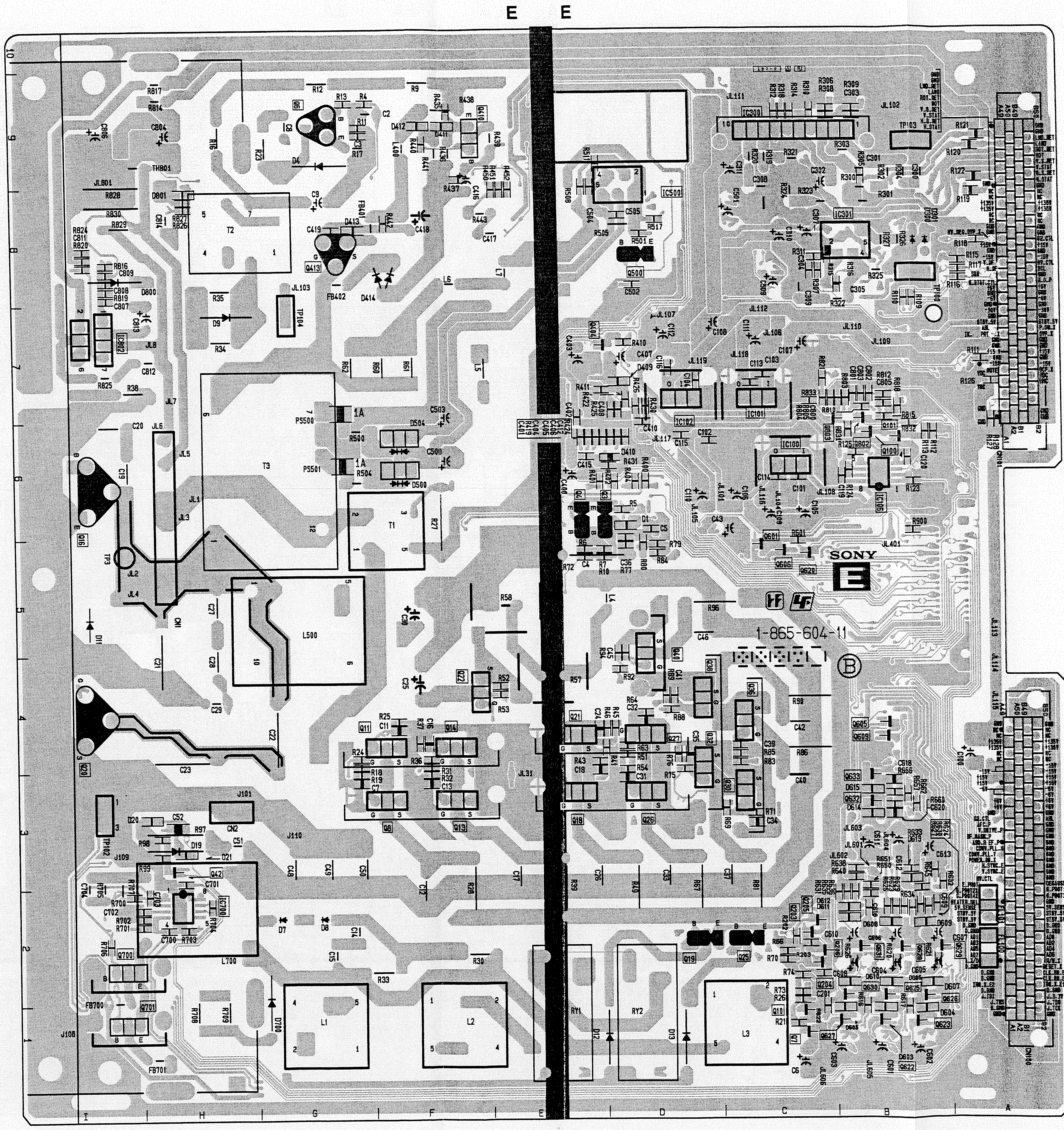
E BOARD

*: B SIDE

D1	*D-6
D2	C-1
D3	C-2
D4	G-9
D5	C-2
D6	F-6
D7	G-2
D8	G-2
D9	H-7
D10	J-3
D11	J-5
D12	D-1
D13	D-1
D14	C-2
D15	C-1
D16	C-2
D17	C-2
D18	D-5
D19	J-3
D20	*H-3
D21	*H-3
D200	C-3
D201	D-4
D202	D-4
D203	D-4
D204	D-4
D205	C-4
D206	C-4
D207	C-3
D208	D-3
D209	C-3
D210	C-3
D211	C-3
D212	C-3
D213	C-2
D214	C-2
D216	C-2
D217	C-2
D300	B-8
D301	B-8
D401	D-6
D402	D-6
D403	D-6
D404	D-6
D405	D-6
D406	E-7
D407	E-7
D408	E-7
D409	*D-7
D410	*D-6
D411	*F-9
D412	*F-9
D413	*G-8
D414	F-8
D500	F-6
D501	C-8
D502	C-8
D503	C-8
D504	F-6
D505	D-8
D506	C-8
D507	C-8
D509	D-9
D510	B-7
D600	B-2
D601	B-2
D602	B-2
D603	*B-1
D604	*B-1
D605	*B-1
D606	*B-2
D607	*B-2
D608	*B-2
D609	*B-2
D610	*B-2
D611	*B-2
D612	*B-2
D613	*B-3
D614	*B-3
D615	*B-3
D700	G-1
D800	J-8
D801	*H-8
IC1	D-6
IC2	D-5
IC100	C-6
IC101	C-7
IC102	D-7
IC103	C-6
IC104	B-3
IC105	B-7
IC106	*B-6
IC300	B-9
IC301	B-8
IC400	D-6
IC401	E-9
IC500	D-8
IC501	D-8
IC502	D-8
IC600	B-2
IC601	B-2
IC602	B-3
IC700	*H-2
IC800	B-7
IC801	B-7
IC802	J-7
Q1	D-6
Q2	D-6
Q3	D-6
Q4	E-6
Q5	F-3
Q6	G-9
Q7	*C-1
Q8	F-3
Q9	F-5
Q10	*C-1
Q11	F-4
Q12	F-3
Q13	F-3
Q14	F-4
Q15	D-3
Q16	J-6
Q17	J-3
Q18	E-3
Q19	D-2
Q20	J-4
Q21	E-4
Q22	F-4
Q23	D-4
Q24	C-1
Q25	C-2
Q26	D-3
Q27	D-4
Q28	C-3
Q29	C-2
Q30	C-3
Q31	C-1
Q32	D-3
Q33	C-2
Q34	C-4
Q35	C-1
Q36	C-4
Q37	D-4
Q38	D-4
Q39	D-4
Q40	D-4
Q41	D-5
Q42	*H-3
Q100	*B-6
Q101	*B-6
Q200	C-3
Q201	C-2
Q202	C-2
Q203	*C-2
Q204	*C-2
Q205	*C-2
Q206	*C-2
Q207	C-2
Q400	D-6
Q401	D-6
Q402	D-6
Q403	D-6
Q404	*D-7
Q405	D-6
Q406	D-7
Q407	E-7
Q408	E-6
Q410	F-9
Q411	E-9
Q412	E-9
Q413	G-8
Q414	E-9
Q415	E-6
Q500	D-8
Q501	D-8
Q502	D-8
Q503	C-8
Q504	C-8
Q505	C-8
Q506	C-8
Q507	B-7
Q508	B-7
Q509	C-7
Q510	C-8
Q511	B-7
Q600	C-5
Q601	*C-5
Q602	B-1
Q603	C-5
Q604	B-1
Q605	*B-4
Q606	*C-5
Q607	B-1
Q608	B-1
Q609	*B-4
Q610	C-5
Q611	B-1
Q612	B-1
Q613	B-1
Q614	B-1
Q615	B-1
Q616	C-5
Q617	B-1
Q618	C-5
Q619	C-5
Q620	*C-5
Q621	B-1
Q622	*B-1
Q623	*B-1
Q624	B-1
Q625	*B-2
Q626	*B-2
Q627	*B-1
Q628	*B-2
Q629	*B-2
Q630	*B-2
Q631	*B-2
Q632	*B-3
Q633	*B-3
Q700	J-2
Q701	J-1
Q800	B-6
Q801	B-6
Q802	*B-6
Q803	*B-7
Q900	B-4
TH801	H-9
TP1	F-9
TP2	D-6
TP3	J-5
TP100	B-8
TP101	C-5
TP102	J-3
TP103	B-9
TP104	G-7
TP105	B-6
TP106	D-6
TP107	B-6
TP108	E-7
TP300	C-9
TP700	J-2
TP800	J-8
TP801	H-8



E -A SIDE-
SUFFIX: -11


E
E
1-865-604-11
SONY
E
T1
T2
T3
L500
L1
L2
L3
RY1
RY2
IC500
IC301
IC100
IC101
IC102
IC700
CN100
CN101
CN2
J101
J108
J109
J110
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6
7
8
9
10

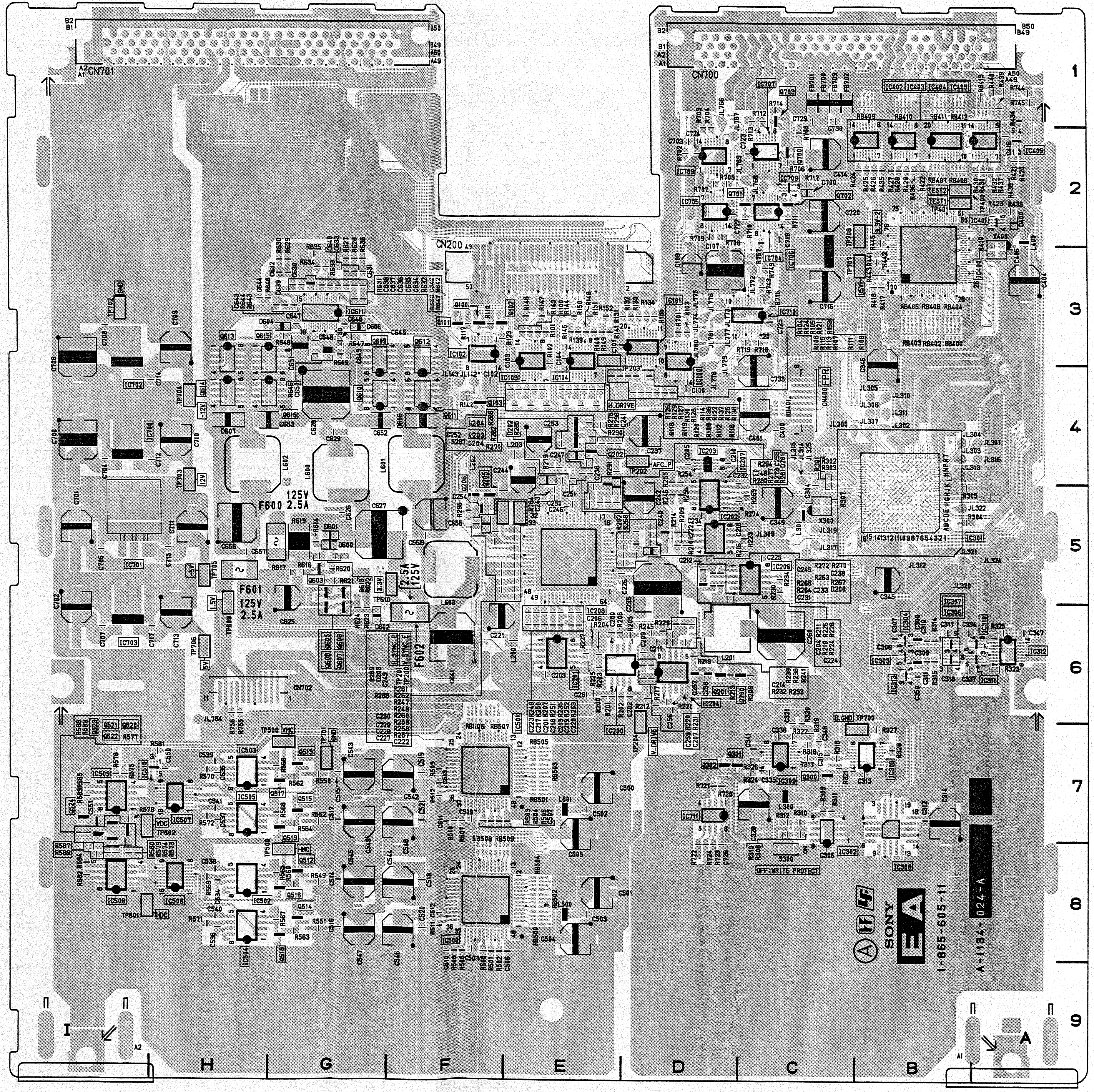
E -B SIDE-
SUFFIX: -11

EA BOARD

*: B SIDE

D100	*D-3
D101	*D-3
D200	D-5
D201	E-4
D202	E-4
D203	F-5
D204	E-4
D400	A-2
D600	G-5
D601	G-5
D602	G-6
D604	G-3
D605	G-3
D606	F-4
D607	H-4
D700	C-2
IC100	D-3
IC101	D-3
IC102	F-3
IC103	E-3
IC104	E-3
IC105	*D-3
IC200	D-6
IC201	F-5
IC202	D-5
IC203	D-4
IC204	D-6
IC206	C-5
IC207	D-5
IC208	E-5
IC301	B-5
IC302	C-7
IC303	B-6
IC304	B-6
IC305	B-7
IC306	B-6
IC307	B-6
IC308	B-7
IC309	C-7
IC310	A-6
IC311	A-6
IC312	A-6
IC313	B-6
IC400	B-3
IC401	A-2
IC402	B-2
IC403	B-2
IC404	B-2
IC405	A-2
IC406	A-2
IC500	F-8
IC501	F-7
IC502	H-8
IC503	H-7
IC504	H-8
IC505	H-7
IC506	H-8
IC507	H-7
IC510	H-7
IC611	G-3
IC702	J-3
IC704	C-2
IC705	D-2
IC706	C-2
IC707	C-2
IC708	D-2
IC709	C-2
IC710	C-3
IC711	D-7
IC712	*G-2
IC713	*H-1
IC714	*C-3
IC715	*G-2
Q100	F-3
Q101	F-3
Q102	E-3
Q103	F-4
Q104	*D-3
Q105	*D-3
Q106	*D-3
Q107	*D-3
Q108	*D-3
Q109	*D-3
Q200	C-6
Q201	D-6
Q202	E-4
Q203	E-4
Q204	E-4
Q205	F-5
Q206	F-5
Q207	*F-5
Q208	*E-6
Q300	C-7
Q301	C-7
Q302	D-7
Q500	*F-8
Q501	*F-7
Q502	*F-8
Q503	*F-7
Q504	*G-8
Q505	*G-7
Q506	*G-8
Q507	*G-7
Q508	*G-8
Q509	*G-7
Q510	*G-8
Q511	*G-7
Q512	G-8
Q513	G-7
Q514	G-8
Q515	G-7
Q516	G-8
Q517	G-7
Q518	G-8
Q519	G-7
Q603	G-5
Q605	G-5
Q606	G-5
Q607	G-6
Q608	G-6
Q609	G-3
Q610	G-4
Q611	F-4
Q612	F-3
Q613	H-3
Q614	H-4
Q615	G-3
Q616	G-4
Q617	*G-5
Q618	*G-5
Q700	C-2
Q701	C-2
Q702	C-2
Q703	C-1
Q704	*G-2
Q705	*H-1
Q708	*G-1
Q709	*D-3
Q710	*D-2
TP200	E-5
TP201	E-5
TP202	D-4
TP203	E-3
TP204	D-7
TP400	B-2
TP401	B-2
TP500	G-7
TP503	G-8
TP609	H-6
TP610	F-5
TP700	B-7
TP701	G-7
TP702	J-3
TP703	H-4
TP704	H-4
TP705	H-5
TP706	H-6
TP707	B-3
TP708	B-2

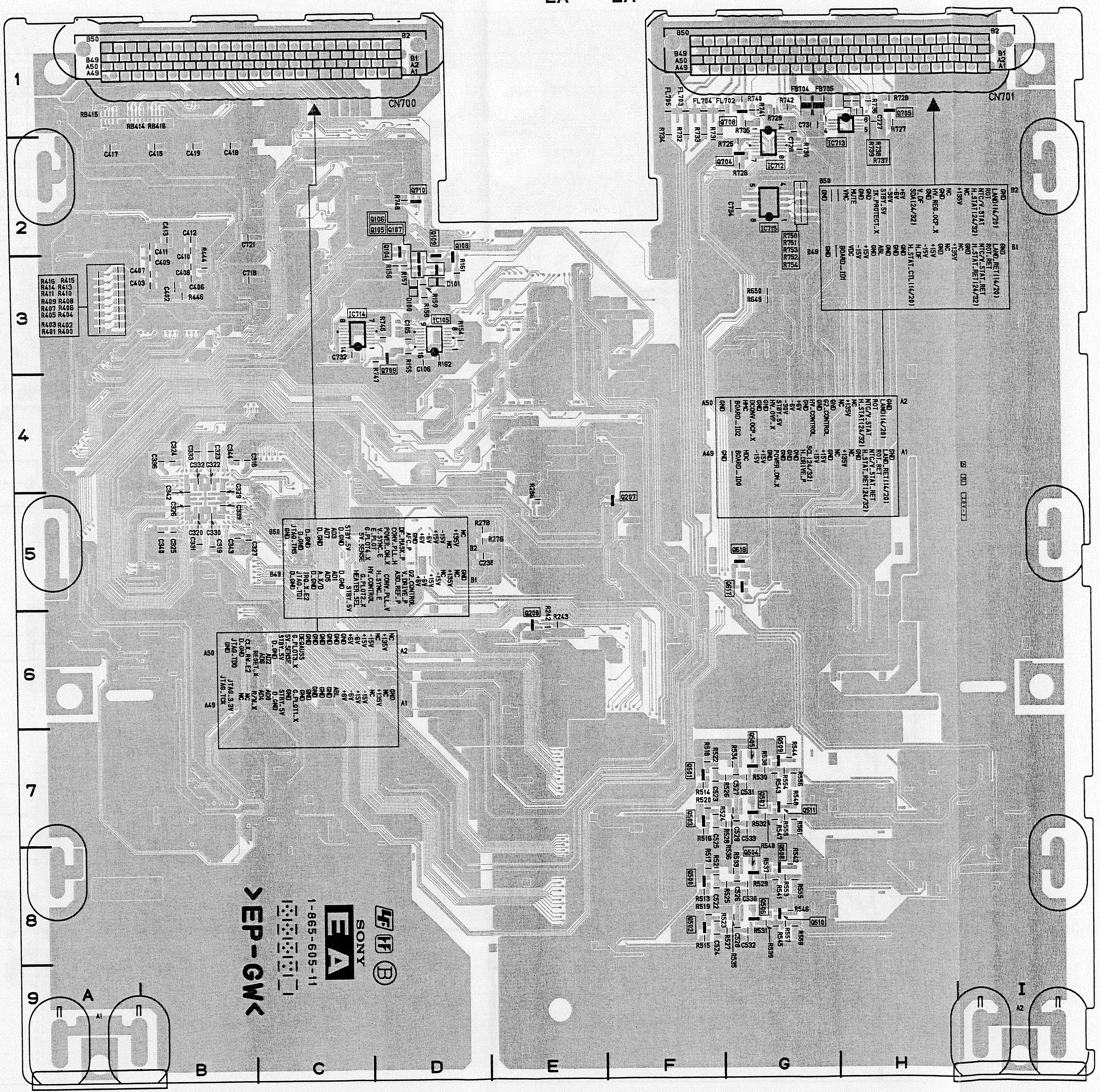
EA EA



EA -A SIDE-

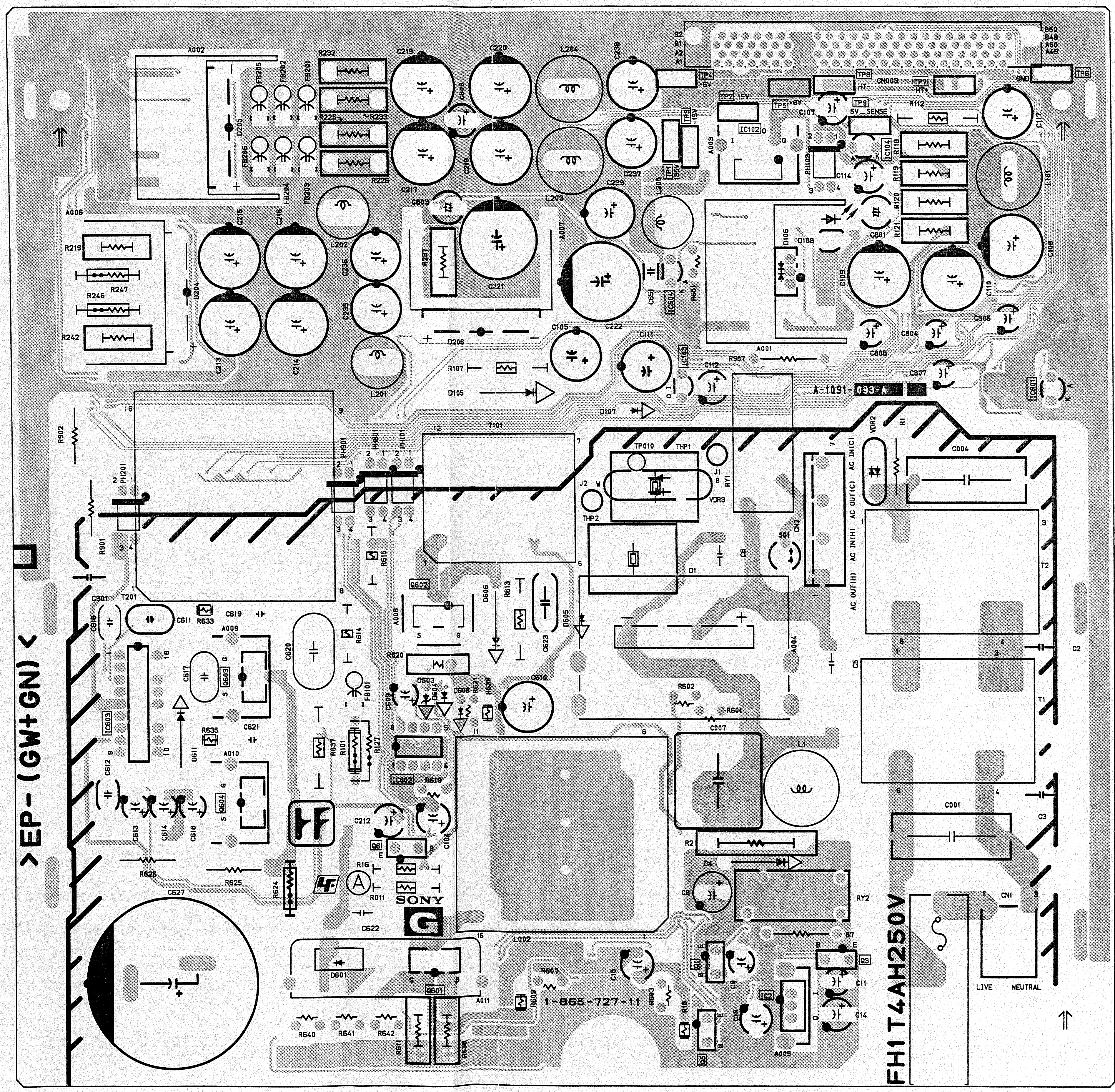
SUFFIX: -11

EA EA


CN700
CN701
B50
B49
A50
A49
B2
B1
A2
A1
1
2
3
4
5
6
7
8
9
A
B
C
D
E
F
G
H
I
SONY
EA
1-865-605-11
>EP-GW<

EA -B SIDE-
SUFFIX: -11

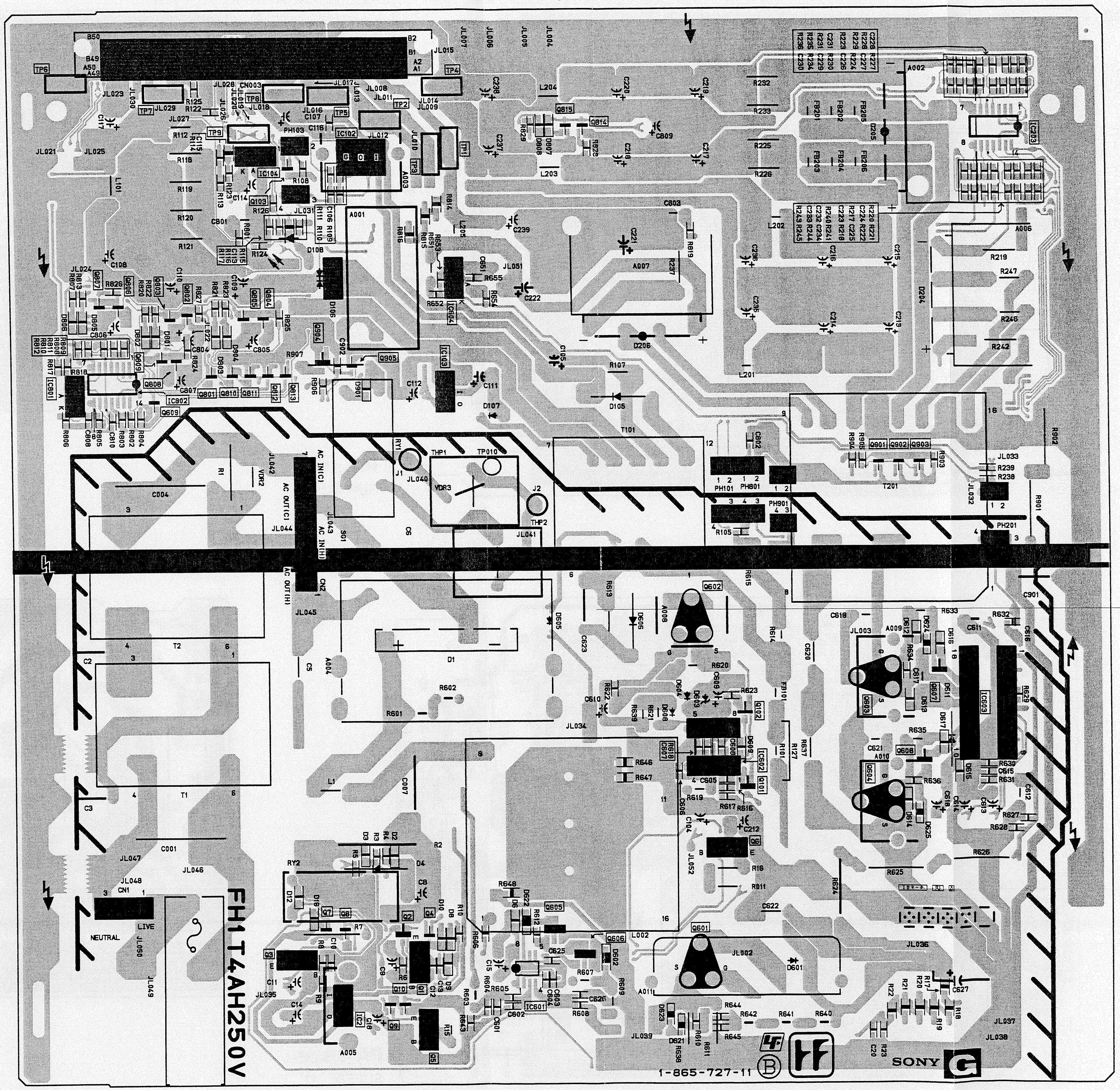
G G



A002
R232
C219
C220
L204
C238
B2
B1
A2
A1
B50
B49
A50
A49
TP4
-6V
TP6
TP8
CN003
HT-
TP7
HT+
GND
TP2
15V
TP5
+6V
TP9
5V_SENSE
R112
C107
C117
TP3
-15V
IC102
FB205
FB202
FB201
R225
R233
C809
D205
FB206
FB204
FB203
R226
C217
C218
A003
TP1
135V
PH103
IC104
R118
R119
R120
R121
L101
C114
L205
C239
C237
A006
C215
C216
C803
L203
A007
D106
C108
C801
C109
C110
C106
R219
R247
R246
R242
D204
C213
C214
L202
C236
C235
R237
C221
C651
IC604
R651
C806
C804
C805
D206
C105
C222
C111
IC103
R907
A001
R107
C112
C807
IC801
L201
D105
D107
A-1091-093-A
VDR2
R1
R902
PH201
FHS01
PH601
PH101
T101
TP010
THP1
J1
RY1
C004
AC IN(C)
AC OUT(C)
AC IN(H)
AC OUT(H)
J2
VDR3
THP2
CN2
S01
C6
T2
R901
R615
Q602
D606
R613
D605
D1
T201
C801
C619
C611
R633
A009
C618
C620
A008
R614
C623
A004
C5
C2
T1
C617
Q603
R620
IC603
FB101
D503
D504
D608
R521
R639
C609
C610
R602
R601
C007
R635
C621
D611
A010
R637
R101
R127
IC602
R619
L1
C612
C613
C614
C618
Q604
C212
Q6
C104
R16
C001
C3
R2
D4
R626
R625
R624
R011
SONY
G
C627
C622
C8
RY2
R7
CN1
D601
L002
Q1
Q3
R607
C15
C11
IC2
LIVE
NEUTRAL
Q601
A011
R609
1-865-727-11
R603
C9
R15
C16
C14
R640
R641
R642
R611
R636
Q5
A005
>EP-(GW+GN)<
FH1 T4AH250V

G -A SIDE-
SUFFIX: -11

G **G**

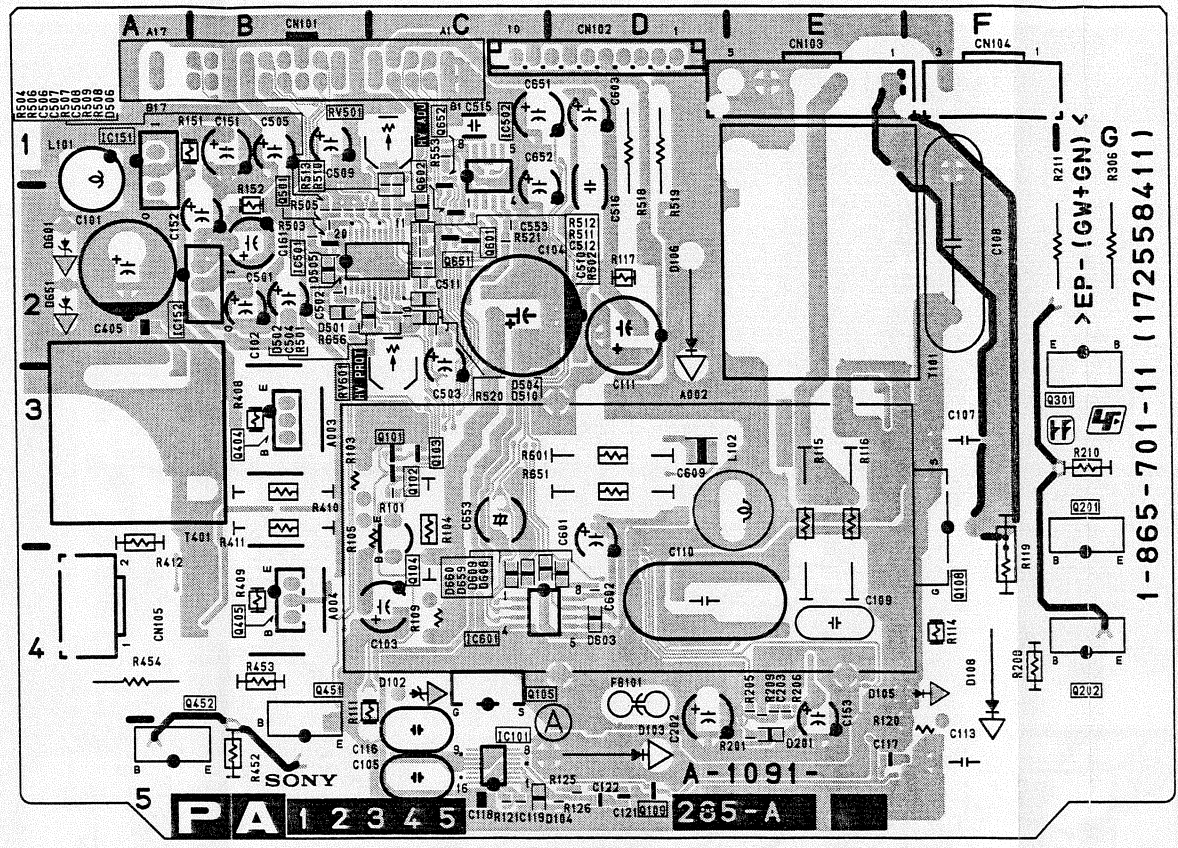

FH1T4AH250V
1-865-727-11
SONY
G
AC IN(C)
AC OUT(C)
AC IN(H)
AC OUT(H)
NEUTRAL
LIVE
CN1
T1
T2
D1
PH101
PH801
PH901
PH201
T101
T201
IC601
IC603

G -B SIDE-
SUFFIX: -11

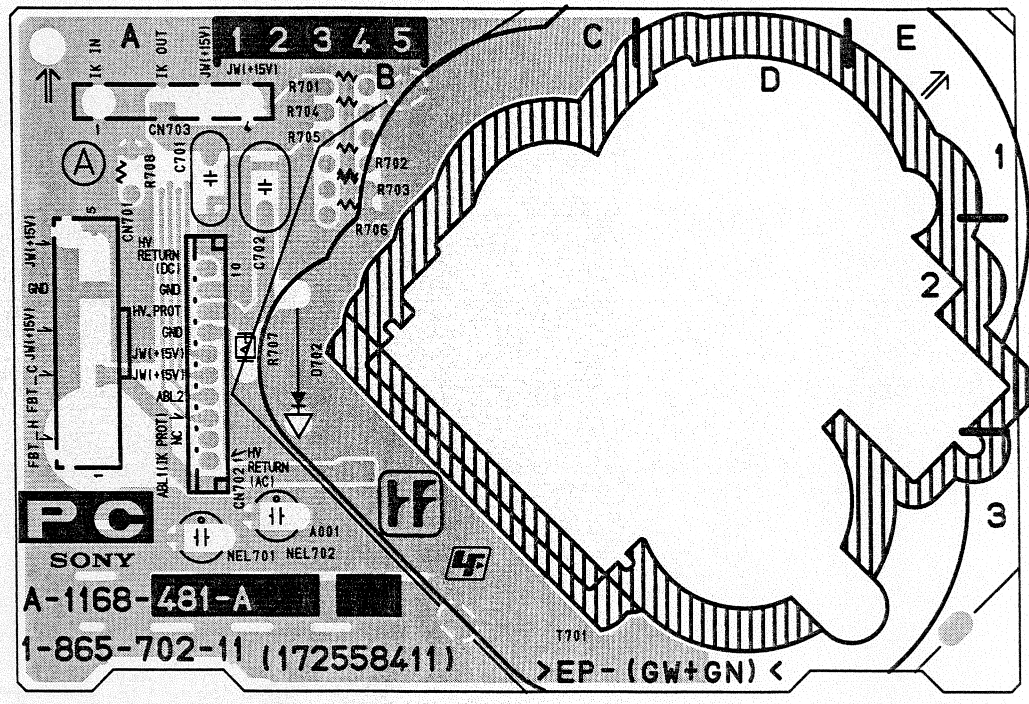
PA BOARD

*: B SIDE

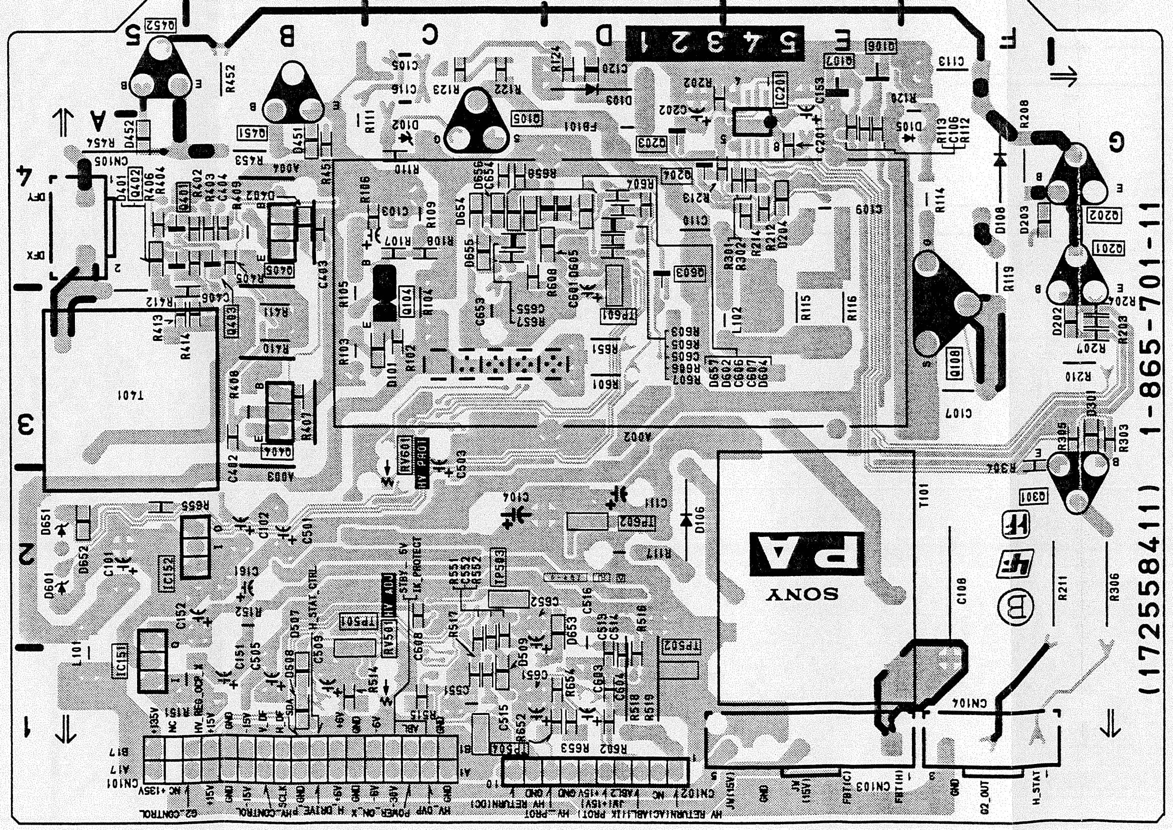
D102	C-4
D103	C-5
D104	C-5
D105	E-4
D106	D-2
D108	F-4
D201	E-5
D501	B-2
D502	B-2
D504	C-2
D505	B-2
D506	C-2
D510	C-2
D601	A-2
D603	D-4
D608	D-4
D609	C-4
D651	A-2
D659	C-4
D660	C-4
IC101	C-5
IC151	A-1
IC152	B-2
IC501	B-2
IC502	C-1
IC601	C-4
Q101	C-3
Q102	C-3
Q103	C-3
Q104	C-3
Q105	C-4
Q108	F-4
Q109	D-5
Q201	G-3
Q202	G-4
Q301	G-3
Q404	B-3
Q405	B-4
Q451	B-5
Q452	A-5
Q501	B-2
Q601	C-2
Q602	C-2
Q651	C-2
Q652	C-2


A
B
C
D
E
F
G
1
2
3
4
5
CN101
CN102
CN103
CN104
CN105
T401
T101
>EP-(GW+GN)<
1-865-701-11 (172558411)
SONY
PA 1 2 3 4 5
A-1091-
285-A

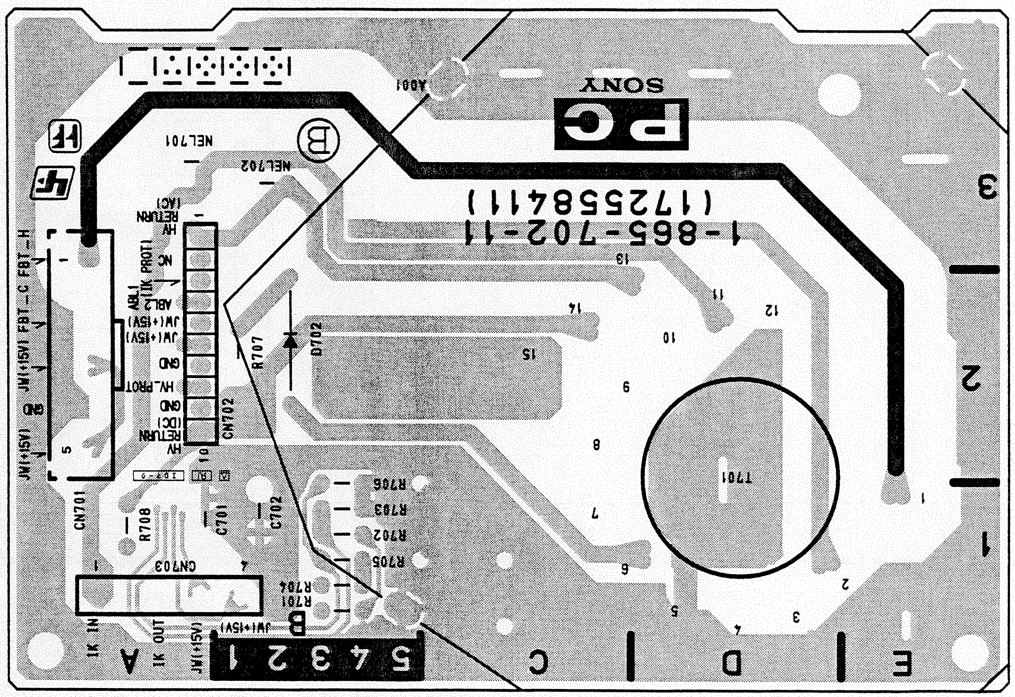
PA -A SIDE-
SUFFIX: -11


A
B
C
D
E
1
2
3
1 2 3 4 5
IK IN
IK OUT
JW(+15V)
CN703
CN701
CN702
T701
HV RETURN (DC)
GND
HV_PROT
ABL2
FBT_H FBT_C
NEL701
NEL702
PC
SONY
A-1168-481-A
1-865-702-11 (172558411)
>EP-(GW+GN)<

PC -A SIDE-
SUFFIX: -11


5 4 3 2 1
1-865-701-11 (172558411)
PA
SONY
CN101
CN102
CN103
CN104
T401
T101

PA -B SIDE-
SUFFIX: -11

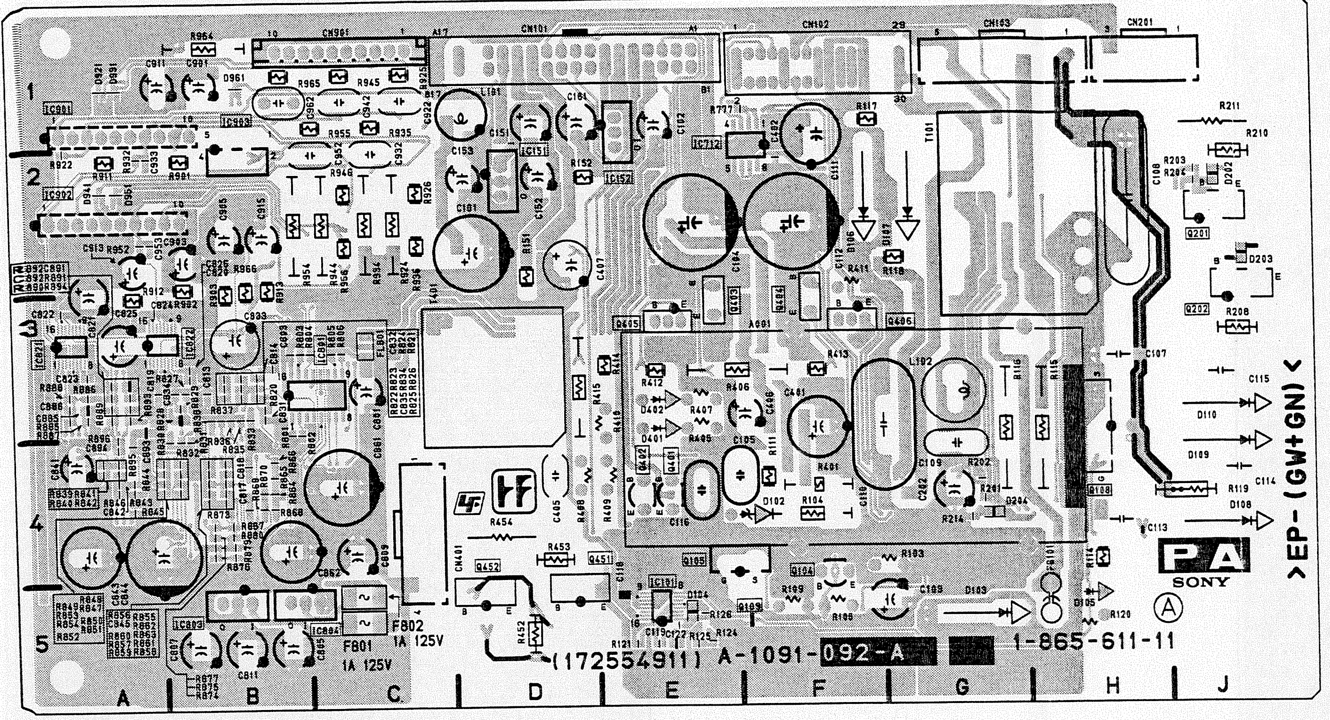

5 4 3 2 1
PC
SONY
1-865-702-11 (172558411)
CN701
CN702
CN703
T701
NEL701
NEL702

PC -B SIDE-
SUFFIX: -11

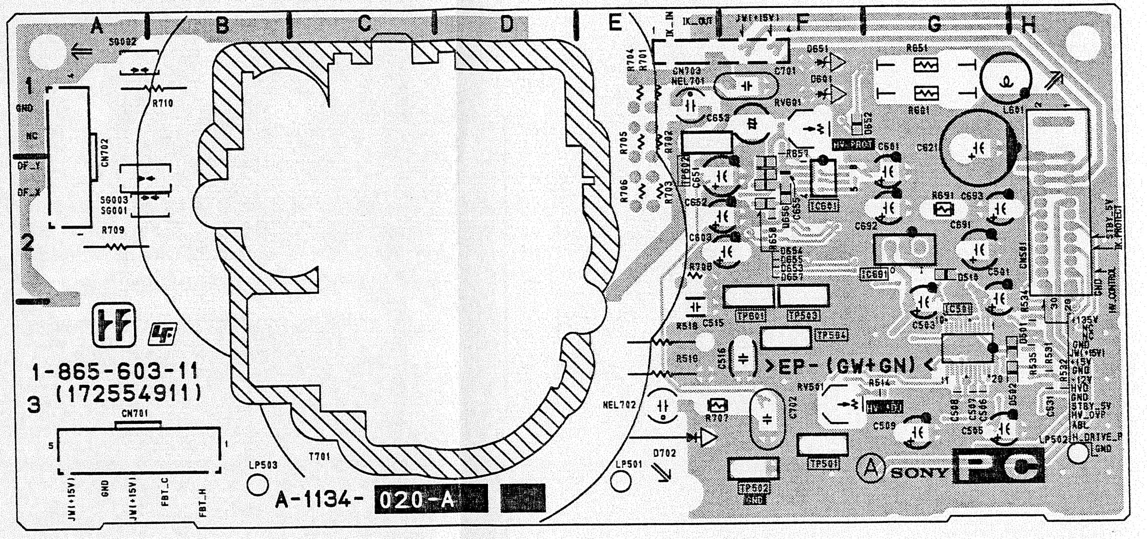
PA BOARD

*: B SIDE

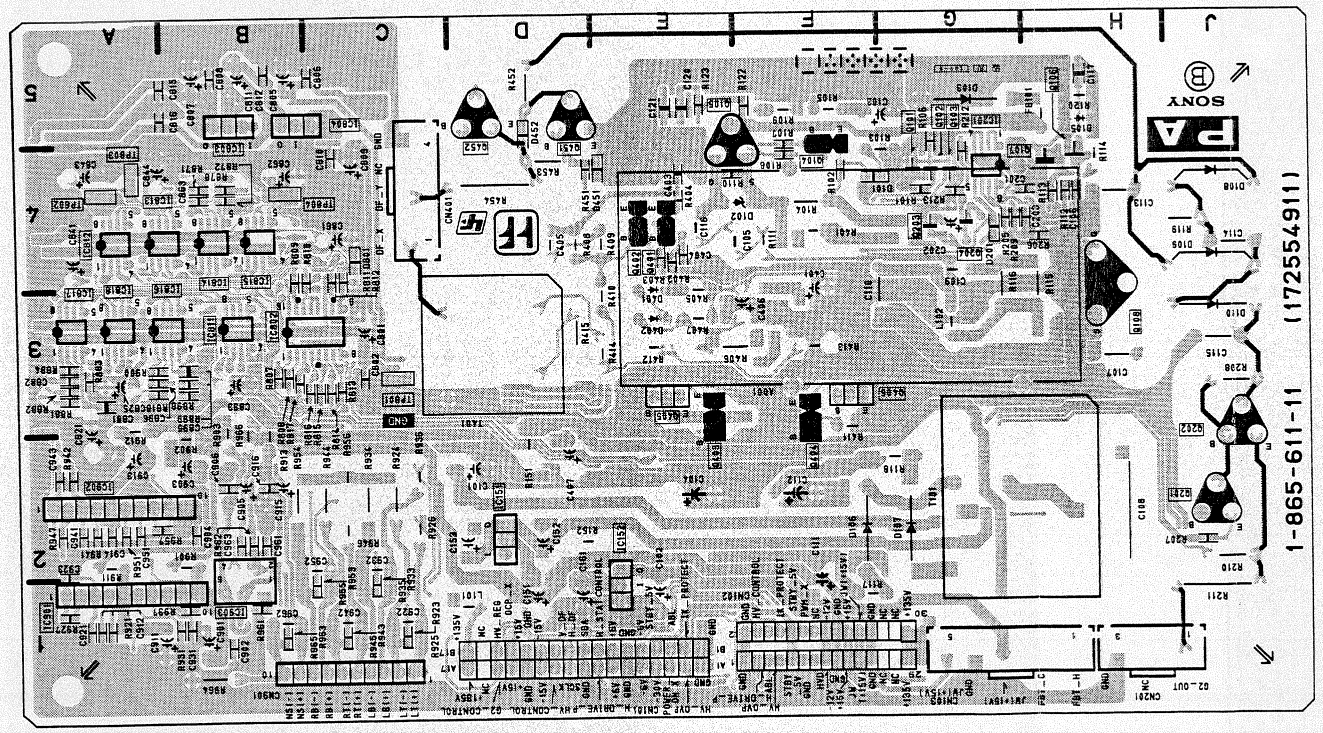
D101	*F-4
D102	E-4
D103	G-5
D104	E-5
D105	H-5
D106	F-1
D107	G-1
D108	J-4
D109	J-4
D110	J-3
D201	*G-4
D202	J-2
D203	J-2
D204	G-4
D401	E-3
D402	E-3
D451	*E-4
D452	*D-5
D801	*C-4
D921	A-1
D931	A-1
D941	A-2
D951	A-2
D961	B-1
IC101	E-5
IC151	D-2
IC152	E-1
IC201	*G-4
IC712	F-1
IC801	C-3
IC802	*C-3
IC803	B-5
IC804	C-5
IC811	*B-3
IC812	*A-4
IC813	*B-4
IC814	*B-4
IC815	*B-4
IC816	*B-3
IC817	*A-3
IC818	*A-3
IC821	A-3
IC822	A-3
IC901	A-1
IC902	A-2
IC903	B-1
Q101	*G-4
Q102	*G-4
Q103	*G-4
Q104	F-4
Q105	E-4
Q106	*H-4
Q107	*H-4
Q108	H-4
Q109	F-5
Q201	J-2
Q202	J-2
Q203	*G-4
Q204	*G-4
Q401	E-4
Q402	E-4
Q403	E-3
Q404	F-3
Q405	E-3
Q406	F-3
Q451	D-5
Q452	D-5
TP801	*C-3
TP802	*A-4
TP803	*A-4
TP804	*B-4


1-865-611-11
(172554911) A-1091-092-A
>EP- (GW+GN) <
PA
SONY
F801 1A 125V
F802 1A 125V
A
B
C
D
E
F
G
H
J
1
2
3
4
5

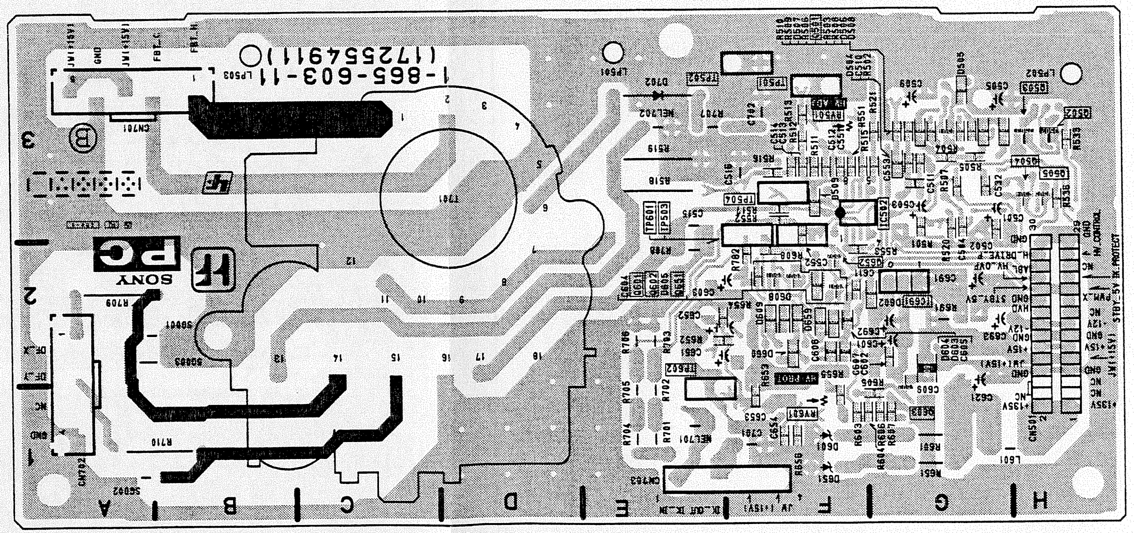
PA -A SIDE-
SUFFIX: -11


1-865-603-11
(172554911)
A-1134-020-A
>EP- (GW+GN) <
SONY
PC
A
B
C
D
E
F
G
H
1
2
3

PC -A SIDE-
SUFFIX: -11


1-865-611-11
(172554911)
PA
SONY

PA -B SIDE-
SUFFIX: -11


1-865-603-11
(172554911)
PC
SONY

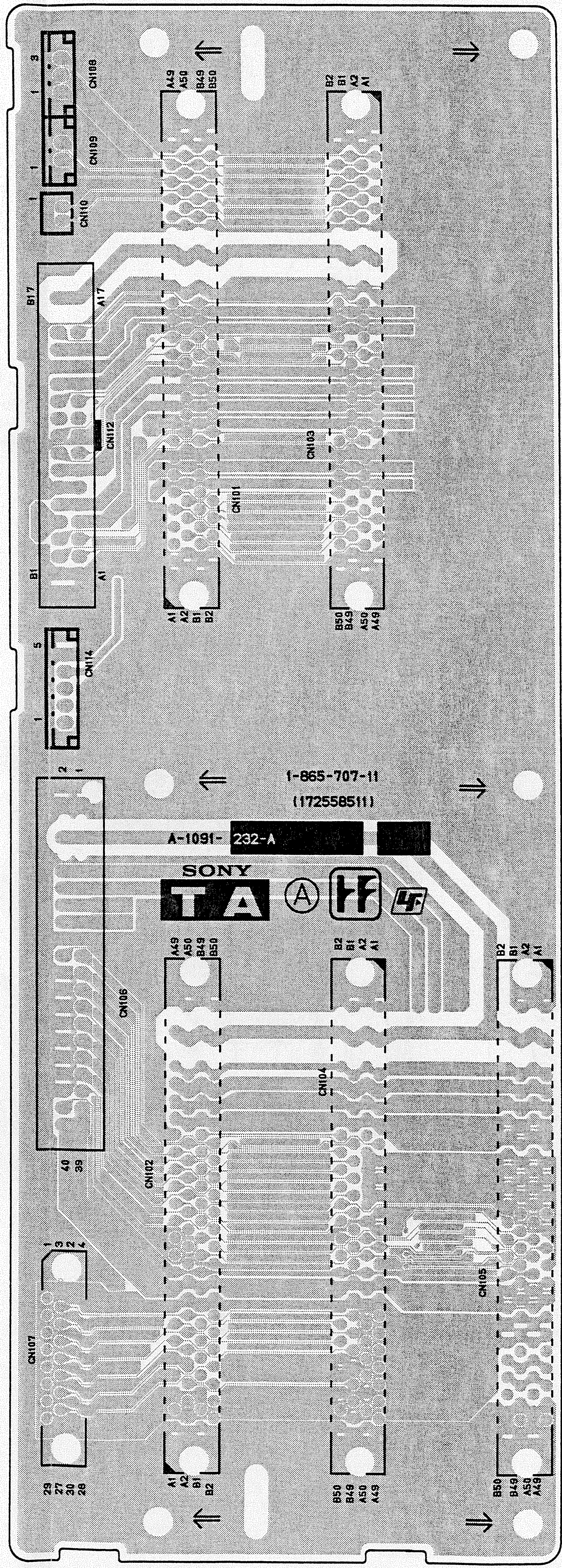
PC -B SIDE-
SUFFIX: -11

PC BOARD

*: B SIDE

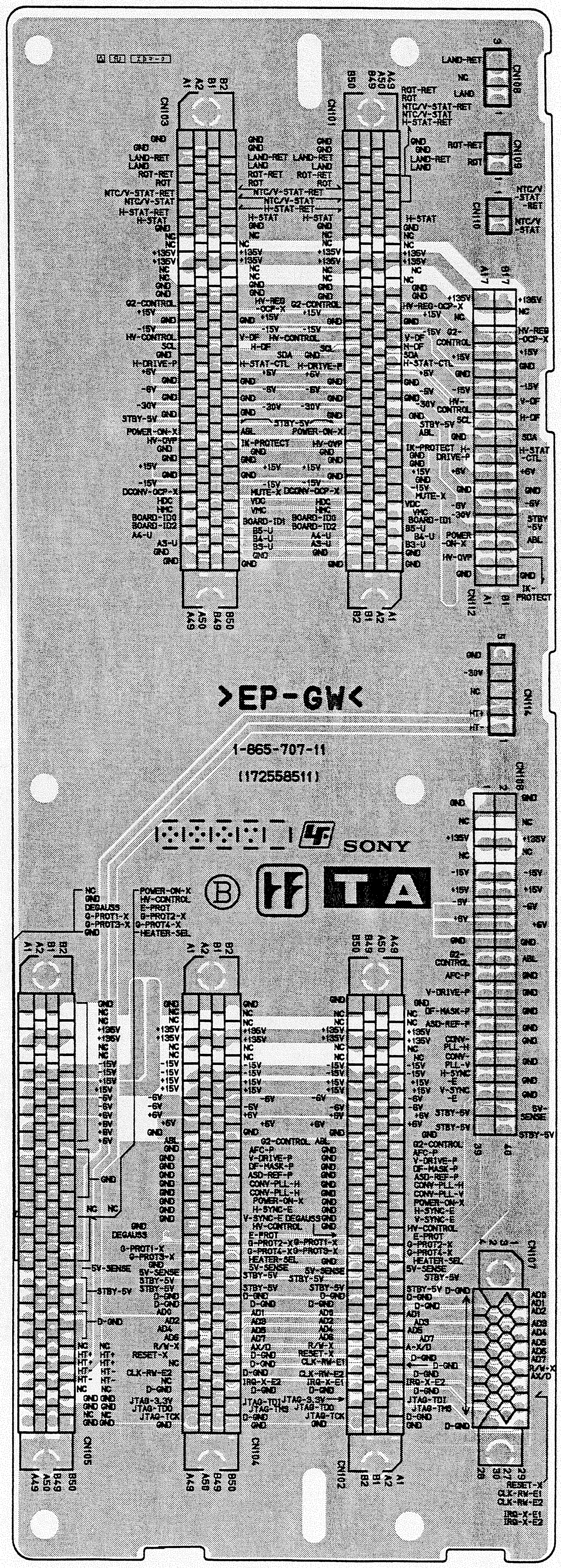
D501	G-3
D502	G-3
D510	G-2
D601	F-1
D651	F-1
D652	F-1
D653	F-2
D654	F-2
D655	F-2
D656	F-2
D657	F-2
D702	E-3
IC501	G-3
IC601	F-2
IC691	G-2
TP501	F-3
TP502	F-3
TP503	F-3
TP504	F-3
TP601	F-3
TP602	E-1

TA (BVM-A20)


CN108
CN109
CN110
CN112
CN101
CN103
CN114
CN106
CN102
CN104
CN105
CN107
1-865-707-11
(172558511)
A-1091-232-A
SONY
TA

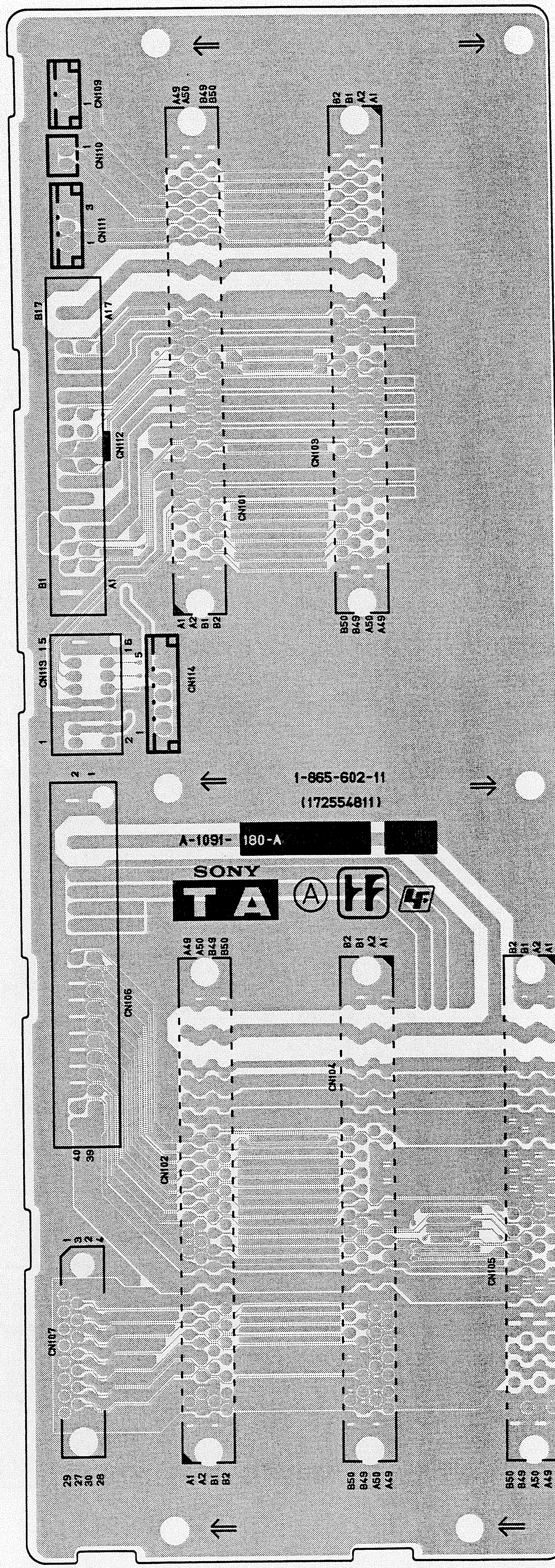
TA -A SIDE-
SUFFIX: -11

TA (BVM-A20)


CN103
CN101
CN108
CN109
CN110
CN112
CN114
CN106
CN105
CN104
CN102
CN107
>EP-GW<
1-865-707-11
(172558511)
SONY
TA

TA -B SIDE-
SUFFIX: -11

TA (BVM-A24)


1-865-602-11
(172554811)
A-1091-180-A
SONY
TA
CN101
CN102
CN103
CN104
CN105
CN106
CN107
CN109
CN110
CN111
CN112
CN113
CN114

TA -A SIDE-
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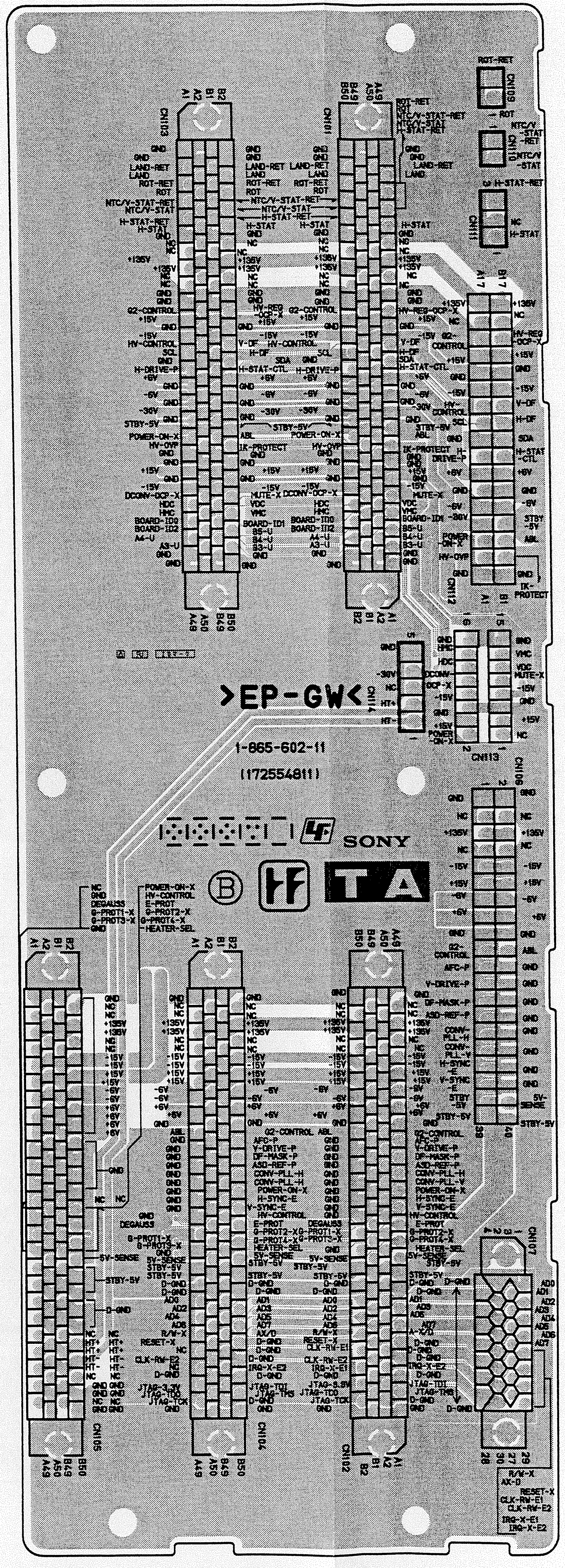
TA (BVM-A24)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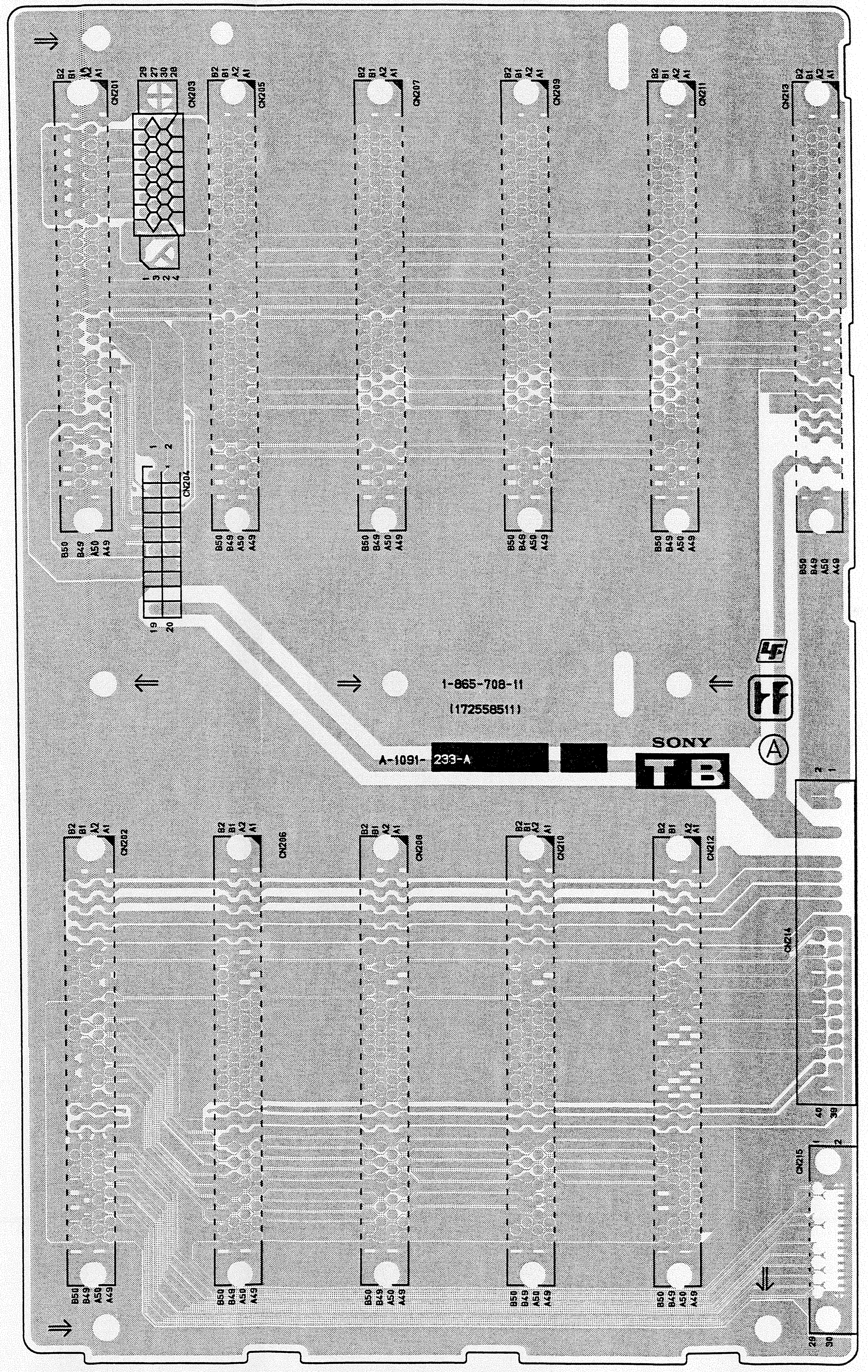
CN111
CN112
CN113
CN114

TA -B SIDE-
SUFFIX: -11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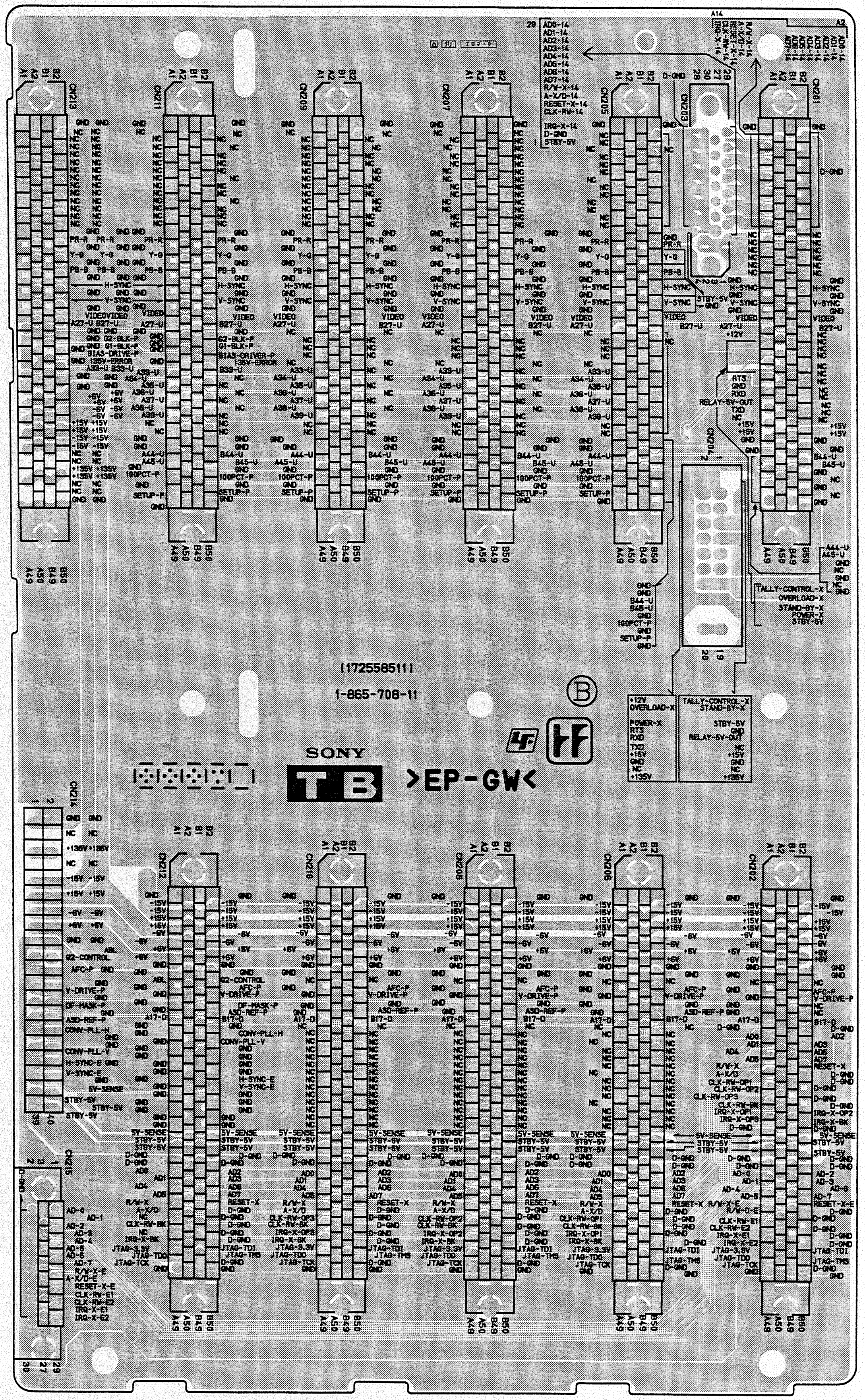
A-1091-233-A
SONY
TB
Ⓐ

TB -A SIDE-
SUFFIX: -11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SONY
TB
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TB -B SIDE-
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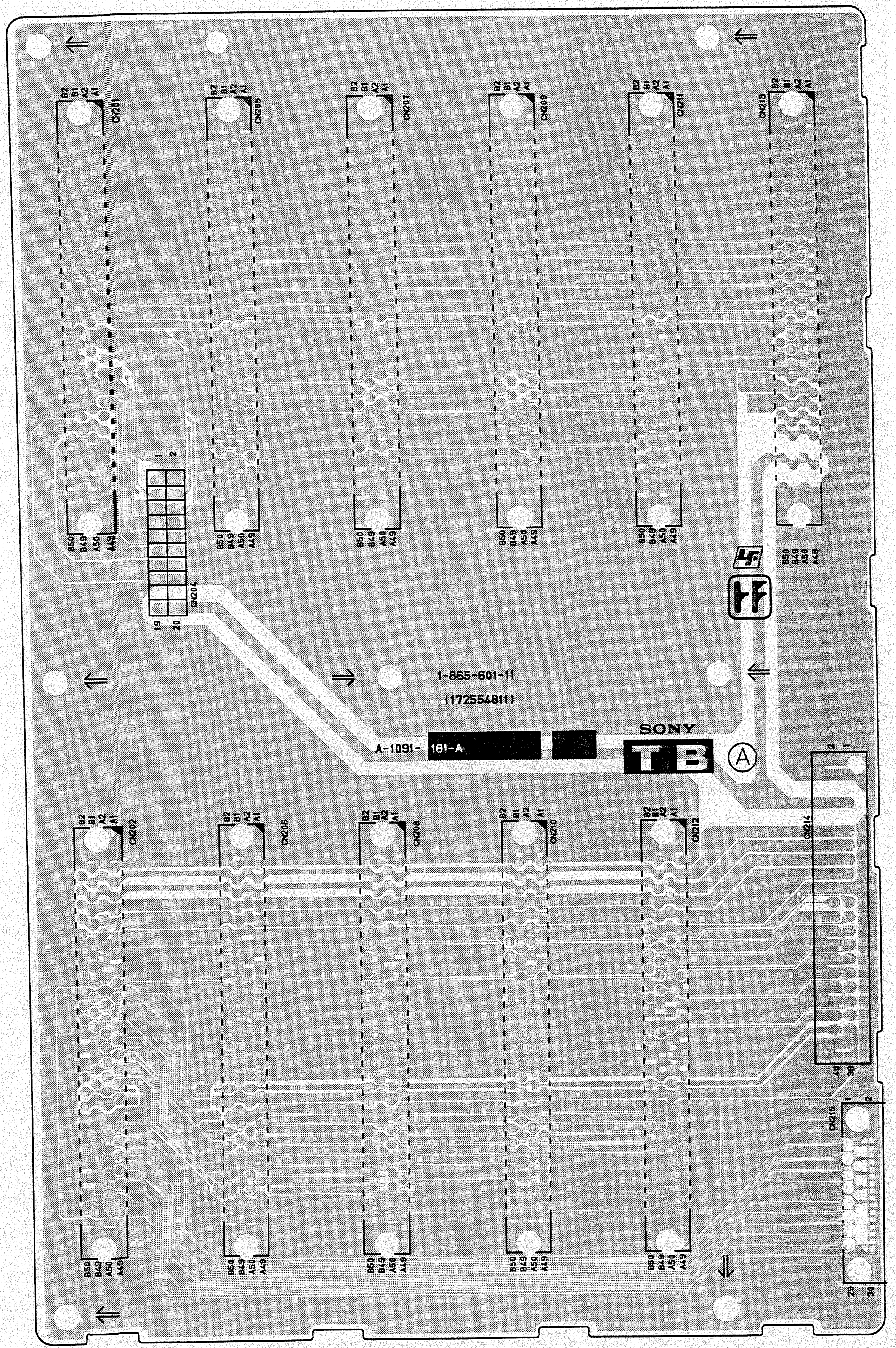
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(1725548l1)
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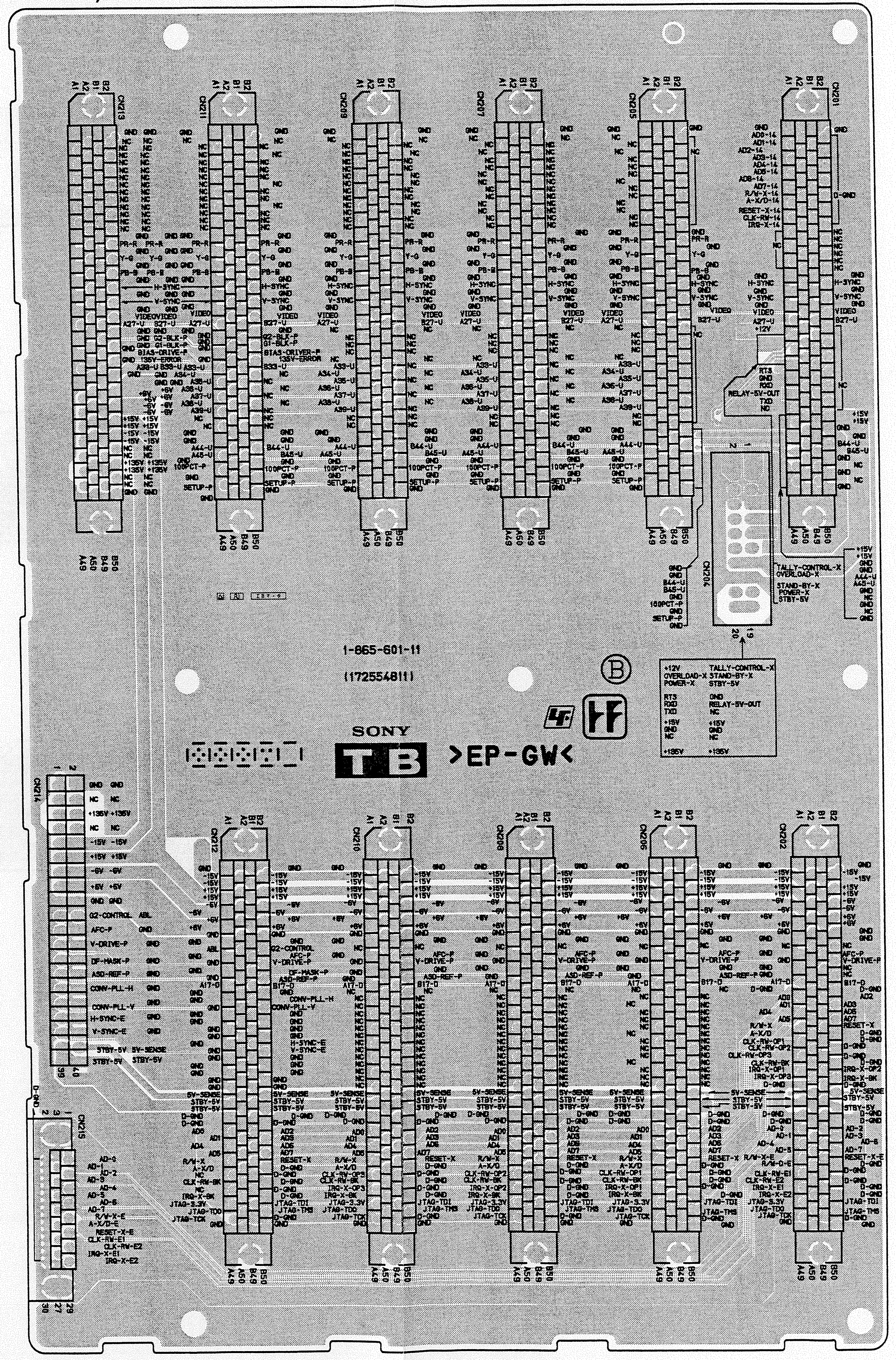
SONY
TB
Ⓐ

TB -A SIDE-
SUFFIX: -11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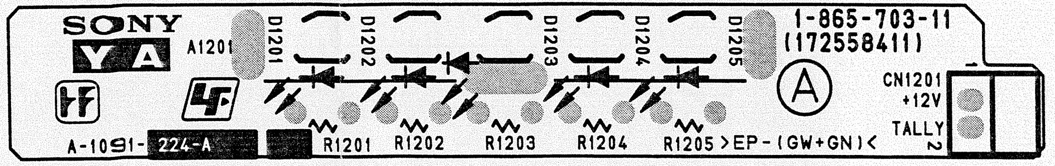
(1725548l1)
SONY
TB
>EP-GW<
Ⓑ

TB -B SIDE-
SUFFIX: -11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YA
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D1201
D1202
D1203
D1204
D1205
1-865-703-11
(172558411)
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CN1201
+12V
TALLY
2
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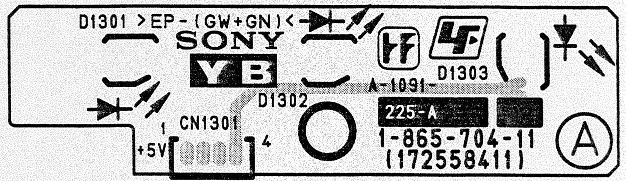
R1201
R1202
R1203
R1204
R1205
>EP-(GW+GN)<

YA -A SIDE-
SUFFIX: -11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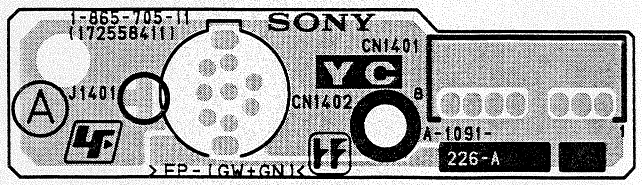
D1302
225-A
CN1301
1
4
+5V
1-865-704-11
(172558411)
A

YB -A SIDE-
SUFFIX: -11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(172558411)
SONY
CN1401
YC
J1401
A
CN1402
8
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226-A
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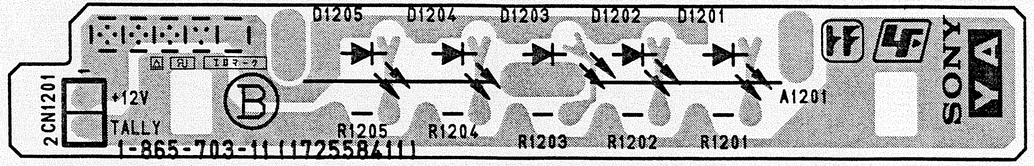
YC -A SIDE-
SUFFIX: -11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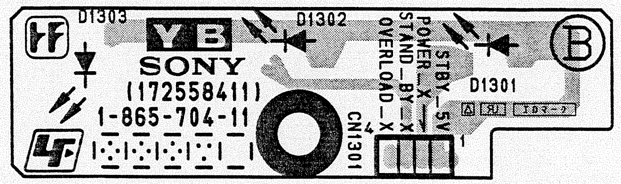
D1204
D1203
D1202
D1201
SONY
YA
A1201
2
CN1201
+12V
TALLY
B
1-865-703-11 (172558411)
R1205
R1204
R1203
R1202
R1201

YA -B SIDE-
SUFFIX: -11


D1303
YB
D1302
SONY
(172558411)
1-865-704-11
POWER_X
STAND_BY_X
OVERLOAD_X
STBY_5V
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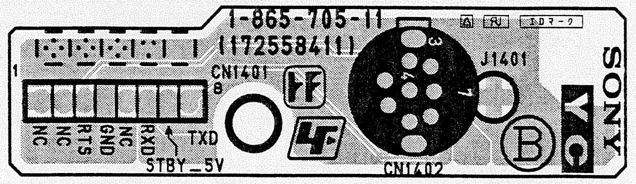
1

YB -B SIDE-
SUFFIX: -11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(172558411)
1
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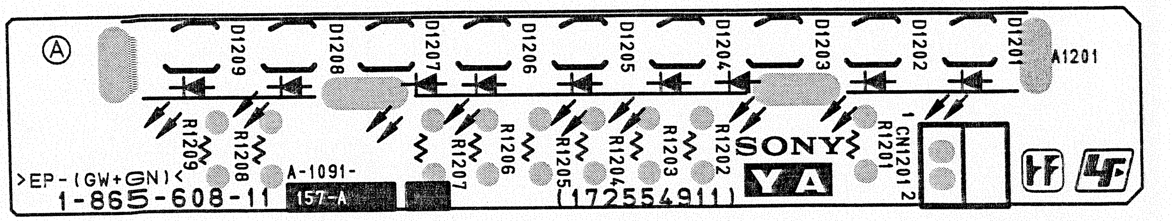
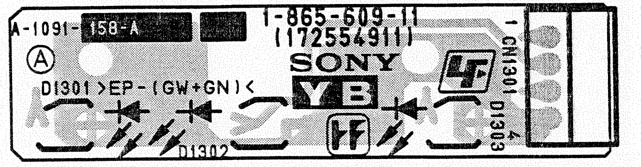
8
J1401
3
4
7
NC
NC
RTS
GND
NC
RXD
TXD
STBY_5V
CN1402
B
SONY
YC

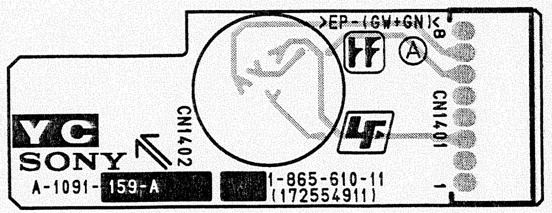
YC -B SIDE-
SUFFIX: -11


Ⓐ
D1201
D1202
D1203
D1204
D1205
D1206
D1207
D1208
D1209
A1201
R1201
R1202
R1203
R1204
R1205
R1206
R1207
R1208
R1209
CN1201
SONY
YA
>EP-(GW+GN)<
A-1091-
157-A
1-865-608-11
(172554911)

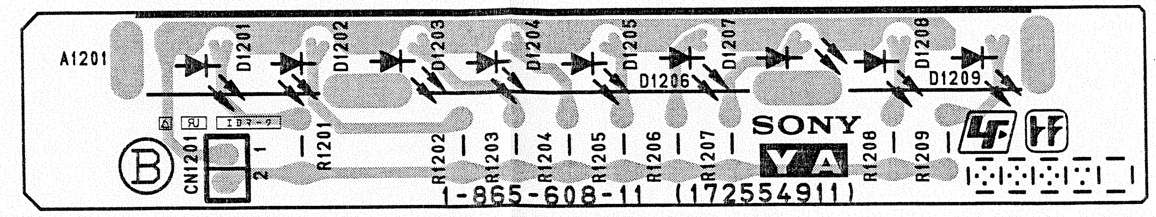
YA -A SIDE-
SUFFIX: -11


A-1091-
158-A
1-865-609-11
(172554911)
Ⓐ
SONY
YB
D1301 >EP-(GW+GN)<
D1302
D1303
CN1301

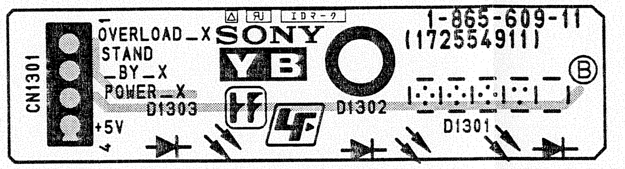
YB -A SIDE-
SUFFIX: -11


>EP-(GW+GN)<
Ⓐ
YC
SONY
CN1402
CN1401
A-1091-
159-A
1-865-610-11
(172554911)

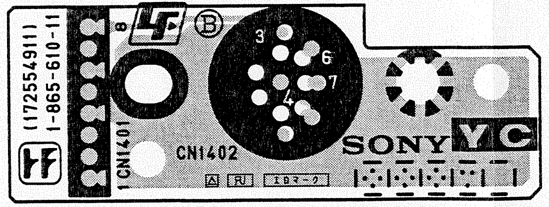
YC -A SIDE-
SUFFIX: -11


A1201
D1201
D1202
D1203
D1204
D1205
D1206
D1207
D1208
D1209
Ⓑ
CN1201
R1201
R1202
R1203
R1204
R1205
R1206
R1207
R1208
R1209
SONY
YA
1-865-608-11
(172554911)

YA -B SIDE-
SUFFIX: -11


CN1301
OVERLOAD_X
STAND
_BY_X
POWER_X
+5V
SONY
YB
1-865-609-11
(172554911)
Ⓑ
D1301
D1302
D1303

YB -B SIDE-
SUFFIX: -11


(172554911)
1-865-610-11
CN1401
CN1402
Ⓑ
SONY
YC

YC -B SIDE-
SUFFIX: -11

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

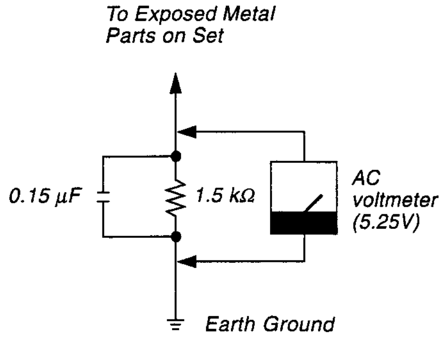


Fig A. Using an AC voltmeter to check AC leakage.